

Onan

Genset

Parts Catalog

DKD



Printed in U.S.A.

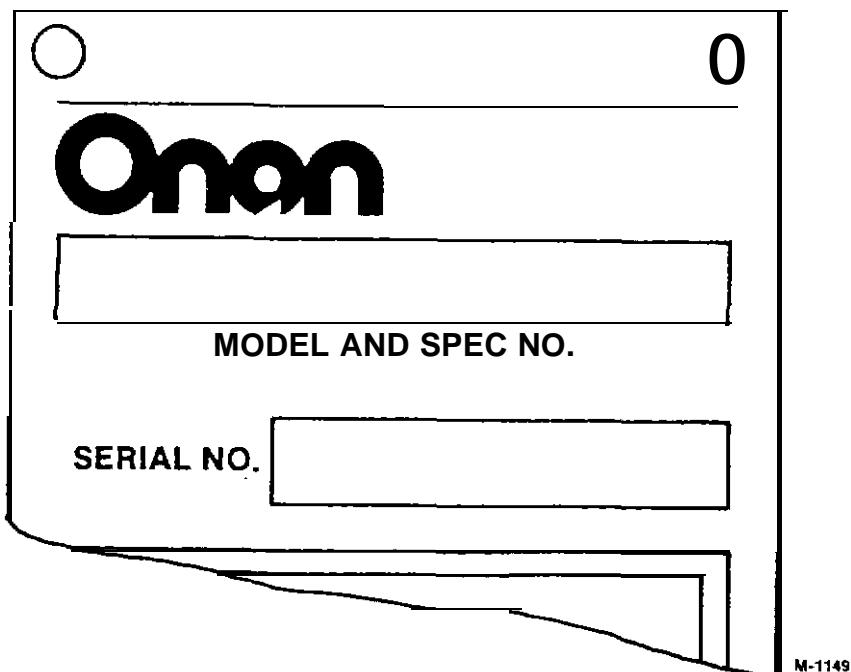
981-0240B
11-99 (Spec A-E)

Replaces 12-92 (Spec A-D)

General Information

For Parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.



For handy reference, insert "YOUR" nameplate information in the spaces above.

A WARNING

TAKE ALL NECESSARY PRECAUTIONS WHEN CHECKING OR CHANGING ENGINE OIL NOT TO INGEST, BREATHE THE FUMES OR CONTACT THE OIL. USED ENGINE OILS HAVE BEEN IDENTIFIED BY FEDERAL AND SOME STATE AGENCIES AS CAUSING CANCER.

A WARNING

TAKE ALL NECESSARY PRECAUTIONS WHEN HANDLING ENGINE GASKETS. DO NOT INGEST, BREATHE, OR CONTACT DUST FROM GASKETS. USE APPROPRIATE VENTILATION AND WEAR PROTECTIVE GLOVES, MASK AND CLOTHING. ASBESTOS HAS BEEN IDENTIFIED BY FEDERAL AND SOME STATE AGENCIES AS CAUSING CANCER.

Introduction

This Parts Manual applies to the Standard Generator Sets listed below. The illustrations are arranged in groups of related items, and each part or assembly is identified by a Reference Number. All parts illustrated are typical, and unless otherwise mentioned in the description column of the parts lists, the parts are interchangeable between models.

These typical illustrations are subject to change and reflect only the latest replacement parts arrangement. The Right and Left side of the Set are determined by FACING the engine end (Front) of the Set.

NOTICE!

VARIATIONS WITHIN MODEL(S)

- I. GOVERNOR: style I has a flyball type system; Style II has a flyweight type system.
 (See the Gearcase Illustration for visual external differences, and the Fuel System - Injection Pump for internal differences.)

Set Data Table

MODEL IDENTIFICATION	RATING	MODEL IDENTIFICATION	RATING
6.0 7.5 DKD-*/#@	7,500 WATTS	8.0 6.5 DKD-*/#@	8.000 7,500 WATTS WATTS

* - Voltage Codes follow model letter designations.

- Specification Number: Number 1 is Standard, all others indicate variations.

@ - Specification Letter: Letter advances (A to B, B to C, etc) with major manufacturing changes.

+ - These Generators are reconnectable, refer to Operator's Manual for wiring data.

Generator Set Data Table

MODEL NUMBER	VOLTS	HERTZ	PHASE	WIRE	OPTIONS
6.0DKD-FP/29174C,E	120/240	50	1	4	
6.0DKD-FZ/29174C,E		50	3	12	
6.0DKD-FZ/34226C		50	3	12	No Radiator/Fan
6.0DKD-53CR/29174B	120/240	50	1	4	No Radiator/Fan
6.0DKD-518R/29174B		50	3	12	
6.5DKD-FA/53467 C,D	120	60	1	4	CB (20Amp H.A.C.R.)
6.5DKD-FA/53468 C,D	120	60	1	4	" " " w/Suction Fan
6.5DKD-FA/58833 D	120	60	1	4	Pusher Fan
6.5DKD-FJ/27798C,D	120/240	60	1	4	Suction Fan
6.5DKD-FJ/27799 C,D	120/240	60	1	4	Truck Appl.
7.5DKD-FB/23006C,E	120/240	60	1	4	" " " - Pusher Fan
7.5DKD-FB/23007C	120/240	60	1	4	" " " - Pusher Fan
7.5DKD-FB/23008C	120/240	60	1	4	" " " - Pusher Fan
7.5DKD-FB/23009C	120/240	60	1	4	" " " - Extended shaft
7.5DKD-FB/57380C	120/240	60	1	4	" " " - Pusher Fan
7.5DKD-FD/23006C	120/240	60	3	4	" " "
7.5DKD-FD/23007C	120/240	60	3	4	" " - Pusher Fan
7.5DKD-FJ/27798 C,D,E	120/240	60	1	4	Pusher Fan
7.5DKD-FJ/27799 C,D,E	120/240	60	1	4	" " "
7.5DKD-FJ/56905D	120/240	60	1	4	Light Tower Appl.
7.5DKD-3CE/27218A	120/240	60	1	4	Mobile Diesel Genset
7.5DKD-3CR/27203A	120/240	60	1	4	
7.5DKD-3CR/27798 A,B	120/240	60	1	4	Pusher Fan
7.5DKD-3CR/27799 A,B	120/240	60	1	4	Truck Appl.
7.5DKD-3R/23006B	120/240	60	1	4	" " " - Reverse Flow Fan
7.5DKD-3R/23007B	120/240	60	1	4	" " " - Reverse Flow Fan
7.5DKD-3R/23008B	120/240	60	1	4	" " " - Reverse Flow Fan
7.5DKD-3R/23009B	120/240	60	1	4	" " " - Reverse Flow Fan
7.5DKD-5DR/23006B	120/240	60	3	4	DC Control /Therm Housing
8.0DKD-FJ/29686C	120/240	60	1	4	No Radiator/Fan - Spcl Unit
8.0DKD-FJ/32448C	120/240	60	1	4	No Radiator/Fan - Spcl Unit
8.0DKD-FJ/40216C	120/240	60	1	4	No Radiator/Fan - Spcl Unit
				4	Mtd Air Clnr - Loose DC
					Control with 7 ft Harness
					Extensions
				4	No Radiator/Fan - Spcl Unit
8.0DKD-FJ/54503C	120/240	60	1	4	/Battery chrg'g alternator
8.0DKD-3CR/29686B	120/240	60	1	4	No Radiator/Fan - Spcl Unit

Also includes Specs 11303, 11310, 11312, 11304, 11319, 11343, 11344, 11369, 11440, 11455, 11456, 66044, 66045, 67053,

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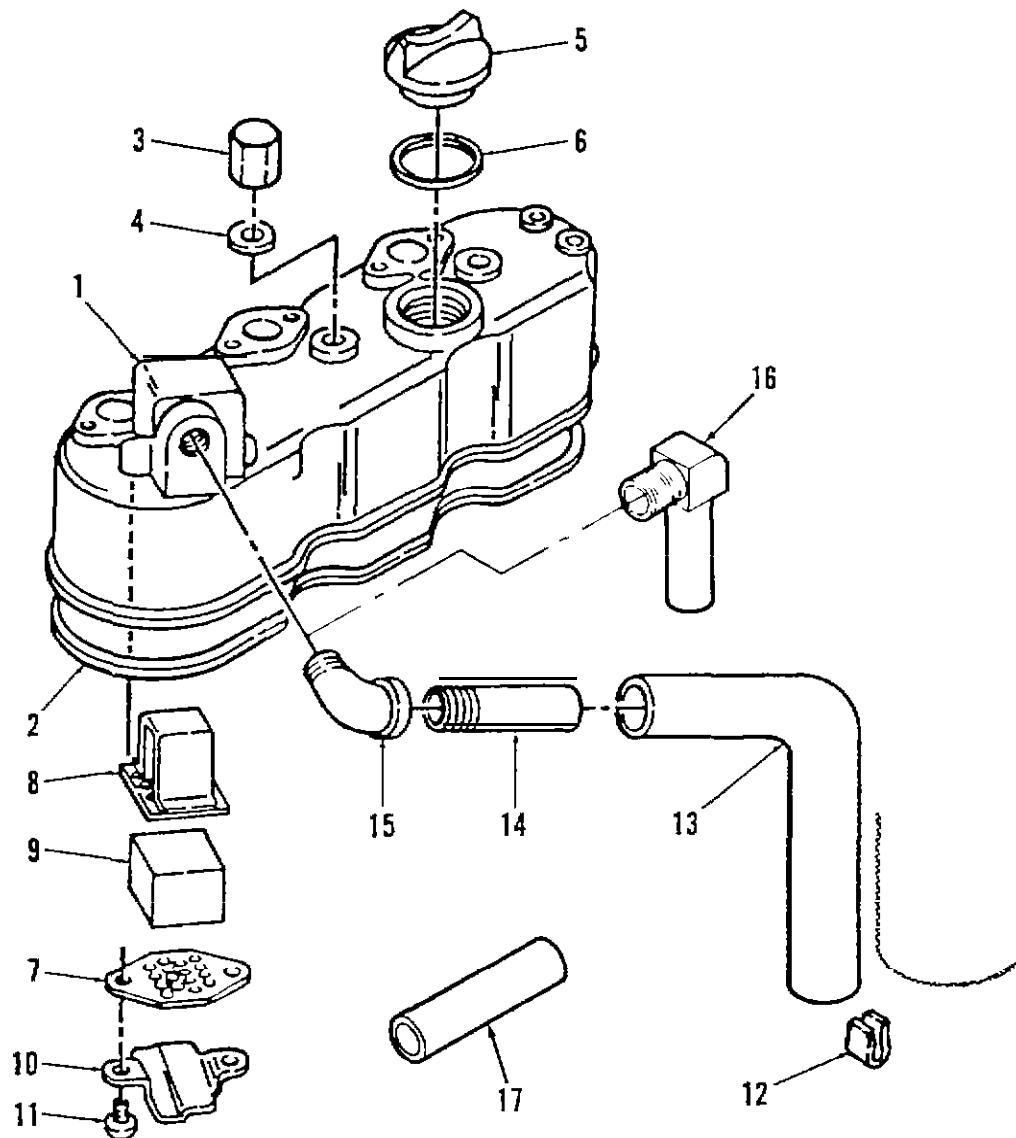
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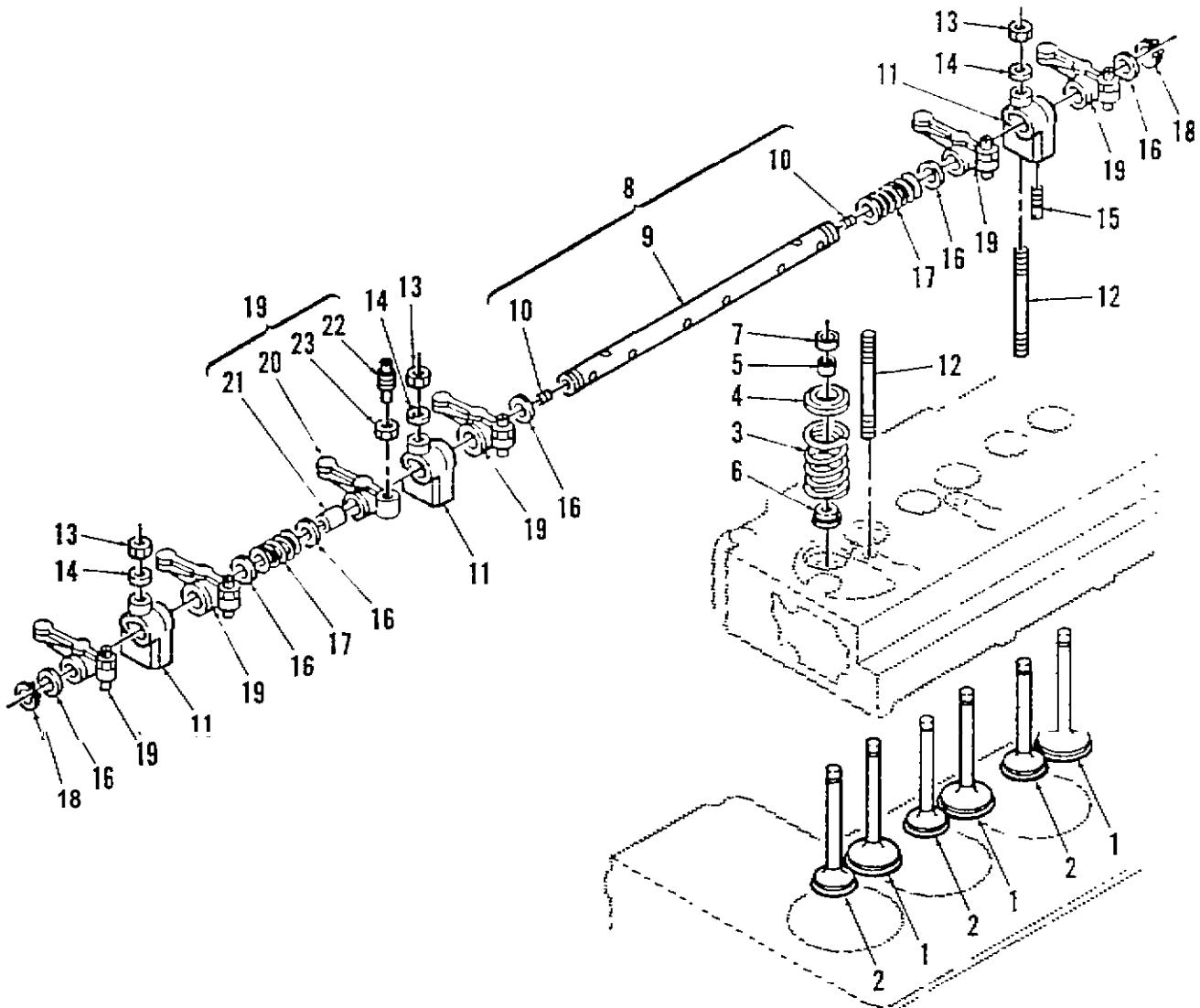
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Valve Cover & Breather



REF No.	PART No.	QTY USED	PART DESCRIPTION	REF No.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2280	1	Cover, Cylinder Head	12	518-0449	1	Clip, Retaining
2	185-2217	1	Gasket	13	503-1321	1	Hose, Rubber (7/16" ID x 5/8" OD x 26-1/2" LG)
3	185-2290	3	Nut, Cap	14	505-0302	1	Nipple, Pipe - Half (Spec A-C)
4	185-2291	3	Seal, Oil	15	505-0011	1	Elbow, Pipe - Street, 90' (Spec A-C)
5	185-2093	1	Cap, Oil Fill	16	502-0304	1	Elbow, Hose - go' (Spec D)
6	185-2349	1	O-Ring	17	503-0276	1	Hose, Breather (5/16" ID x 1/2" OD x 17" LG) (Spec D)
7	185-2287	1	Plate, Breather				
a	185-2230	1	Baffle, Breather				
9	185-2232	1	Element, Breather				
10	X3-2288	1	Shield, Breather				
11	185-2384	2	Screw, Machine - Pan Head with Lockwasher				

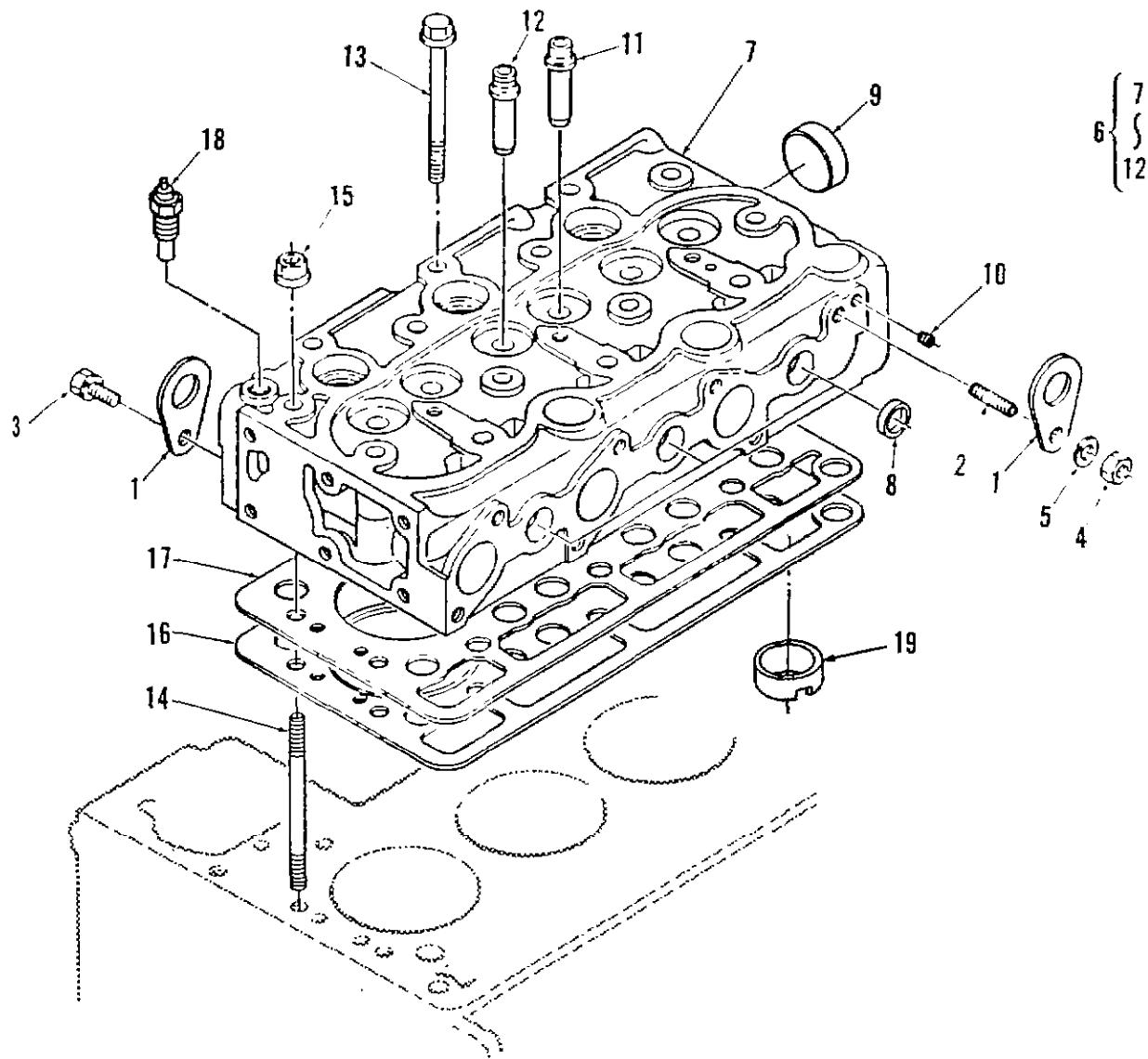
Rocker Arm



YT-1031

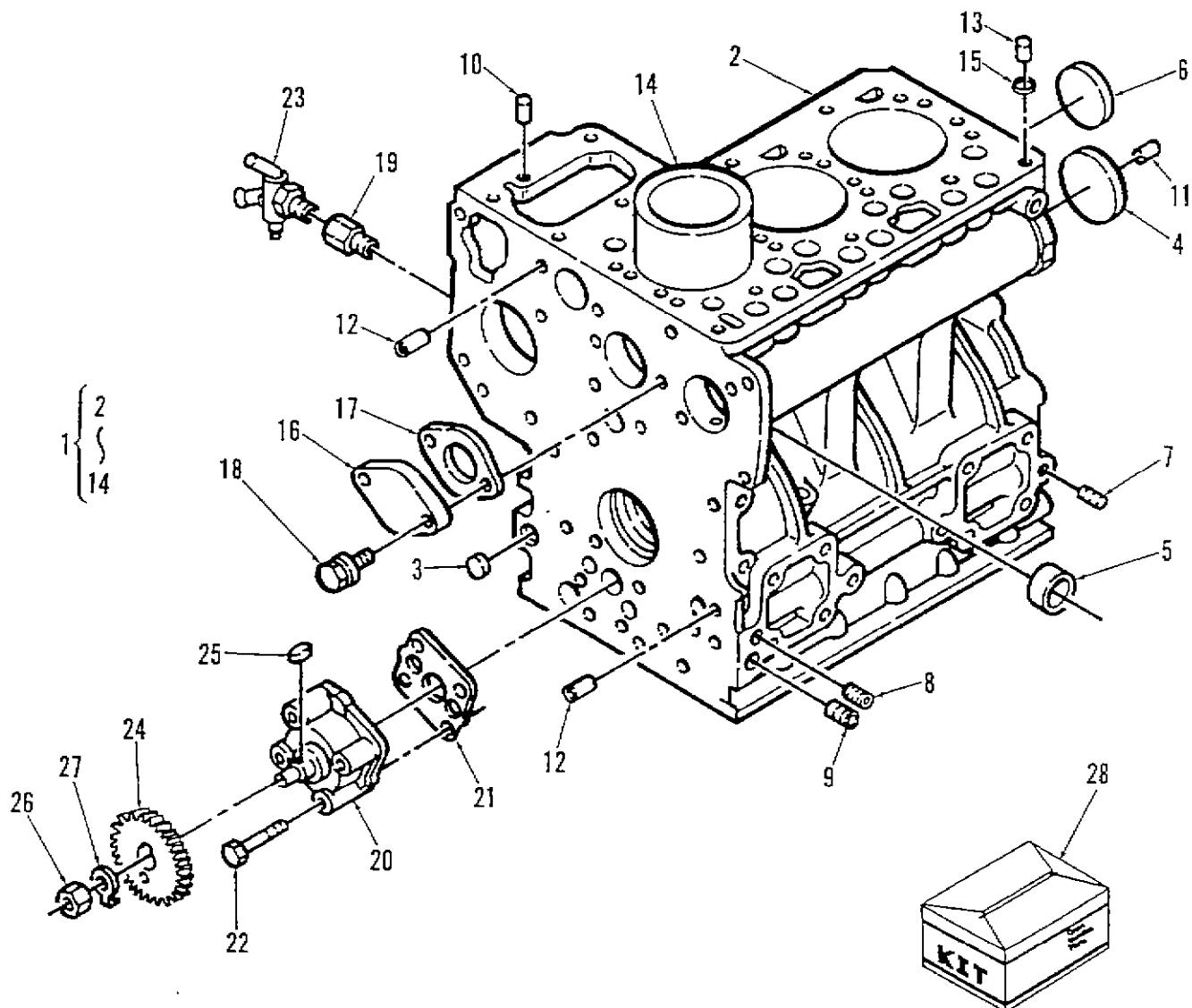
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	185-2060	3	Valve, Inlet	12	185-2292	3	Stud
2	185-2061	3	Valve, Exhaust	13	185-2179	3	Nut, Hex
3	185-2079	6	Spring, Compression	14	185-2184	3	Washer, Flat
4	185-2076	6	Retainer, Spring	15	185-2072	1	Setscrew
5	185-2077	12	Collet, Spring	16	185-2073	6	Washer, Flat
6	185-2078	3	Seal, Oil - Inlet Valve	17	185-2070	2	Spring, Compression
	185-2431	3	Seal, Oil - Exhaust Valve	18	185-2368	2	Ring, Retaining
7	185-2080	6	Cap, Valve Stem	19	185-2062	6	Rocker Arm
8	185-2215	1	Shaft, Rocker Arm	20	NFS		Arm
9	NFS		Shaft	21	185-2063	6	Bushing, Sleeve
10	185-2228	2	Setscrew	22	185-2407	6	Adjusting Screw
11	185-2216	3	Bracket, Support	23	185-2408	6	Nut, Hex

Cylinder Head



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2414	2	Bracket. Lifting	11	185-2068	3	Guide. Valve - Inlet
2	185-2361	1	Stud	12	185-2069	3	Guide. Valve - Exhaust
3	X35-2399	1	Screw, Cap - Hex Head with Lockwasher (M8 x 1.25 x 16mm)	13	185-2053	12	Bolt. Hex - Cylinder Head Stud
4	185-2367	1	Nut, Hex (M8 x 1.25)	14	185-2052	2	Nut. Hex
5	185-2381	1	Washer, Lock - Spring (M8)	15	185-2054	2	Gasket. Cylinder Head
6	185-2049	1	Head, Cylinder	16	185-2056	1	Shim
7	NFS	1	Head, Cylinder	17	185-2057	2	Sender. Temperature - Engine Coolant (E2)
a	185-2413	5	Cup, Sealing	18	193-0318	1	Combustion Chamber
9	185-2411	1	Cup, Sealing	19	185-2477	1	
10	185-2188	2	Plug, Pipe - Socket Drive				

Cylinder Block & Oil Pump



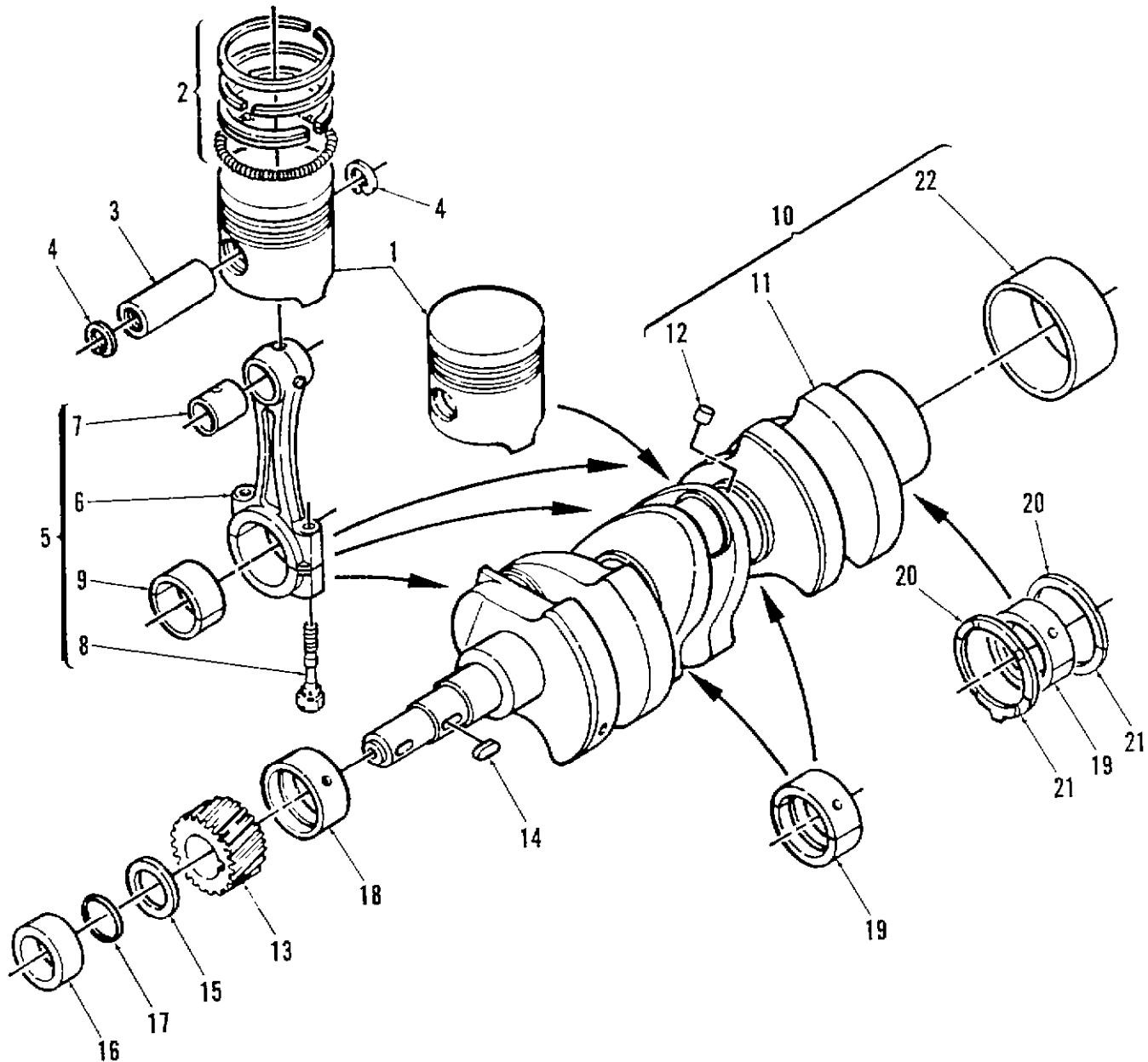
Replacement Engine

100-2077-01 All Spels except 11304, 54503
100-3135 Spec 11304, 54503

C-1099

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	185-2001	1	Crankcase	15	185-2095	1	O-Ring
2	NFS		Block	16	185-2176	1	Plate, Cover
3	185-2355	3	Plug, Expansion	17	185-2177	1	Gasket
4	185-2356	1	Plug, Expansion	18	185-2389	2	Screw, Cap - Hex Head (M6 x 1 x 18MM)
5	185-2411	5	Cup, Sealing	19	185-2229	1	Plug, Hex
6	185-2412	1	Cup, Sealing	20	185-2155	1	Pump, Oil
7	185-2188	6	Plug	21	185-2156	1	Gasket
8	185-2233	3	Plug	22	185-2409	4	Bolt, Hex with Lockwasher
9	185-2234	1	Plug	23	185-2337	1	Cock, Drain
10	185-2350	2	Pin, Straight, Headless	24	185-2293	1	Gear, Drive - Oil Pump
11	775-0072	2	Pin, Straight, Headless	25	185-2352	1	Key
12	185-2115	2	Pin, Hollow	26	185-2365	1	Nut, Hex (M10 x 1.5)
13	185-2094	1	Pin, Hollow	27	185-2382	1	Washer, Lock - Spring (M10)
14	185-2007	3	Liner, Cylinder	28	185-2313	1	Kit, Gasket

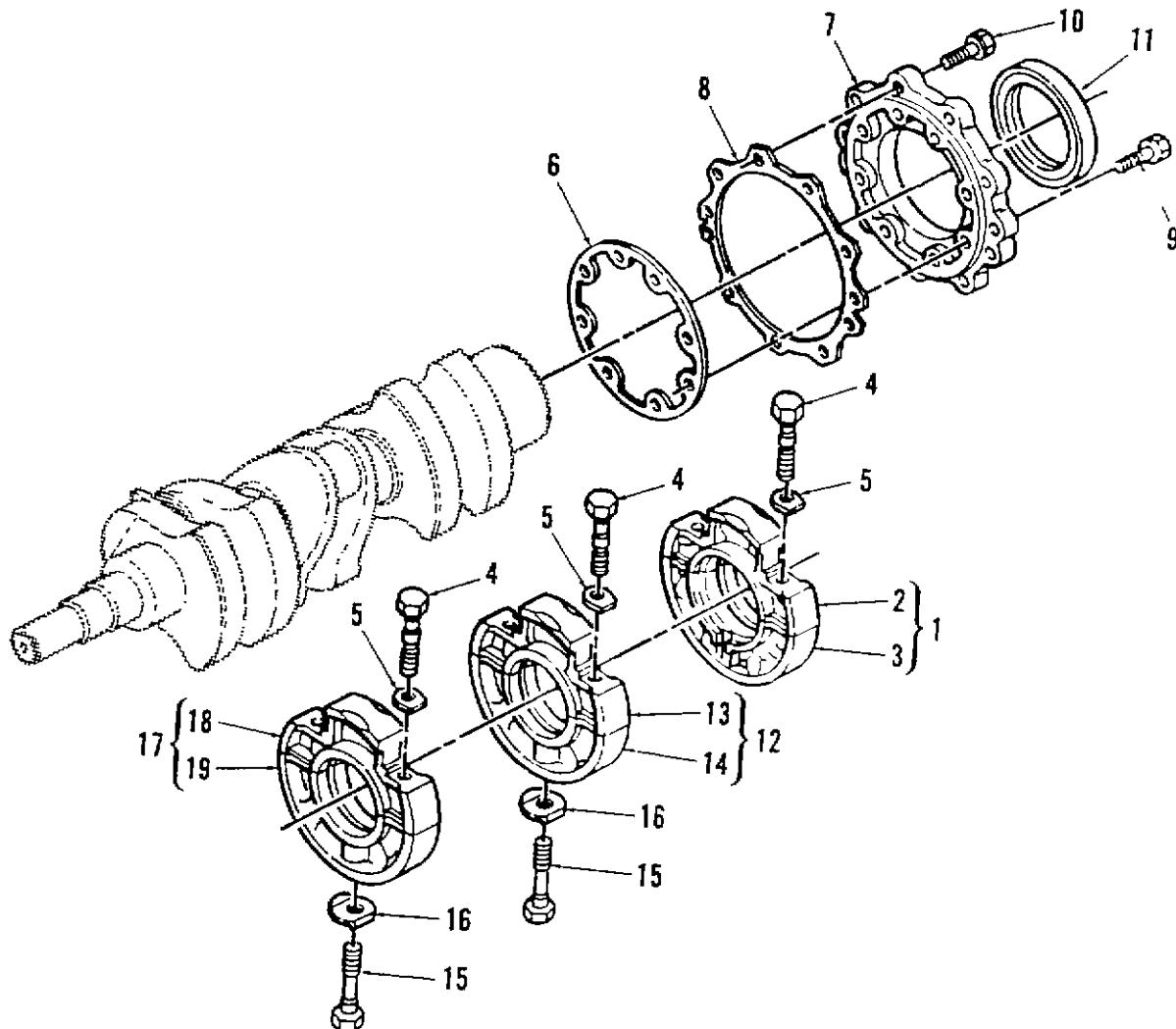
Crankshaft & Piston



Crankshaft and Piston

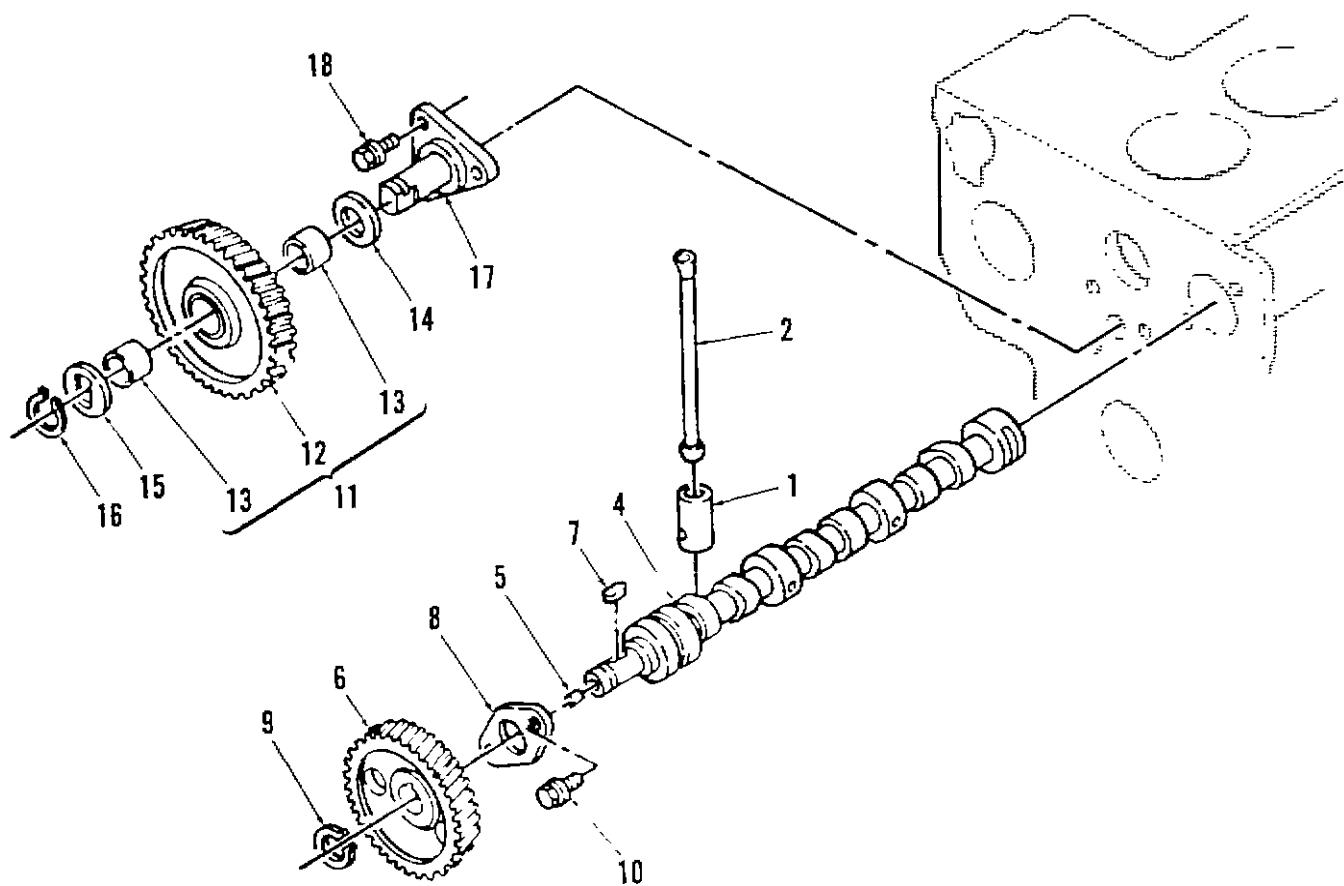
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2008	2	Piston Standard (Style I Governor) [#1 & 3 Cylinders Only]	10	185-2041	1	Crankshaft
	185-2009	2	0.5mm oversize (Style I Governor) (Xl & 3 Cylinders Only)	11	NFS		Crankshaft
	185-2434	2	Standard (Style II Governor) [#1 & 3 Cylinders Only]	12	NFS		Plug
	185-2435	2	0.5mm oversize (Style II Governor) (#1 & 3 Cylinders Only)	13	185-2043	1	Gear
	185-2428	1	Standard [Style I & II Governors) (#2 Cylinder Only]	14	185-2353	1	Key
	185-2429	1	0.5mm Oversize (Style I & II Governors) (#2 Cylinder Only)	15	us-2087	1	Slinger. Oil spacer, Sleeve
2			Ring Set Standard 0.5mm Oversize	16	185-2250	1	O-Ring
3	185-2015	3	Pin, Piston	17	185-2348	1	Bearing, Crankshaft
4	185-2016	6	Ring, Retaining	18	185-2020	1	Standard
5	185-2012	3	Rod, Connecting		185-2024	1	0.2mm Undersize
6	NFS		Rod		185-2025	1	0.4mm Undersize
7	185-2017	3	Bearing, Sleeve	19	185-2021	3	Bearing Set
8	185-2018	6	Bolt, Hex - Rod Cap		185-2026	3	Standard
9			Bearing Set Standard 0.2mm Undersize 0.4mm Undersize		X85-2027	3	0.2mm Undersize 0.4mm Undersize
	185-2013	3		20	185-2022	2	Bearing, Thrust
	185-2019	3			185-2028	2	Standard
	185-2014	3			185-2029	2	0.2mm Oversize 0.4mm Oversize
				21	185-2023	2	Bearing, Thrust
					185-2030	2	Standard
					185-2031	2	0.2mm Oversize 0.4mm oversize
				22	185-2033	1	Sleeve, Crankshaft

Main Bearing Holders



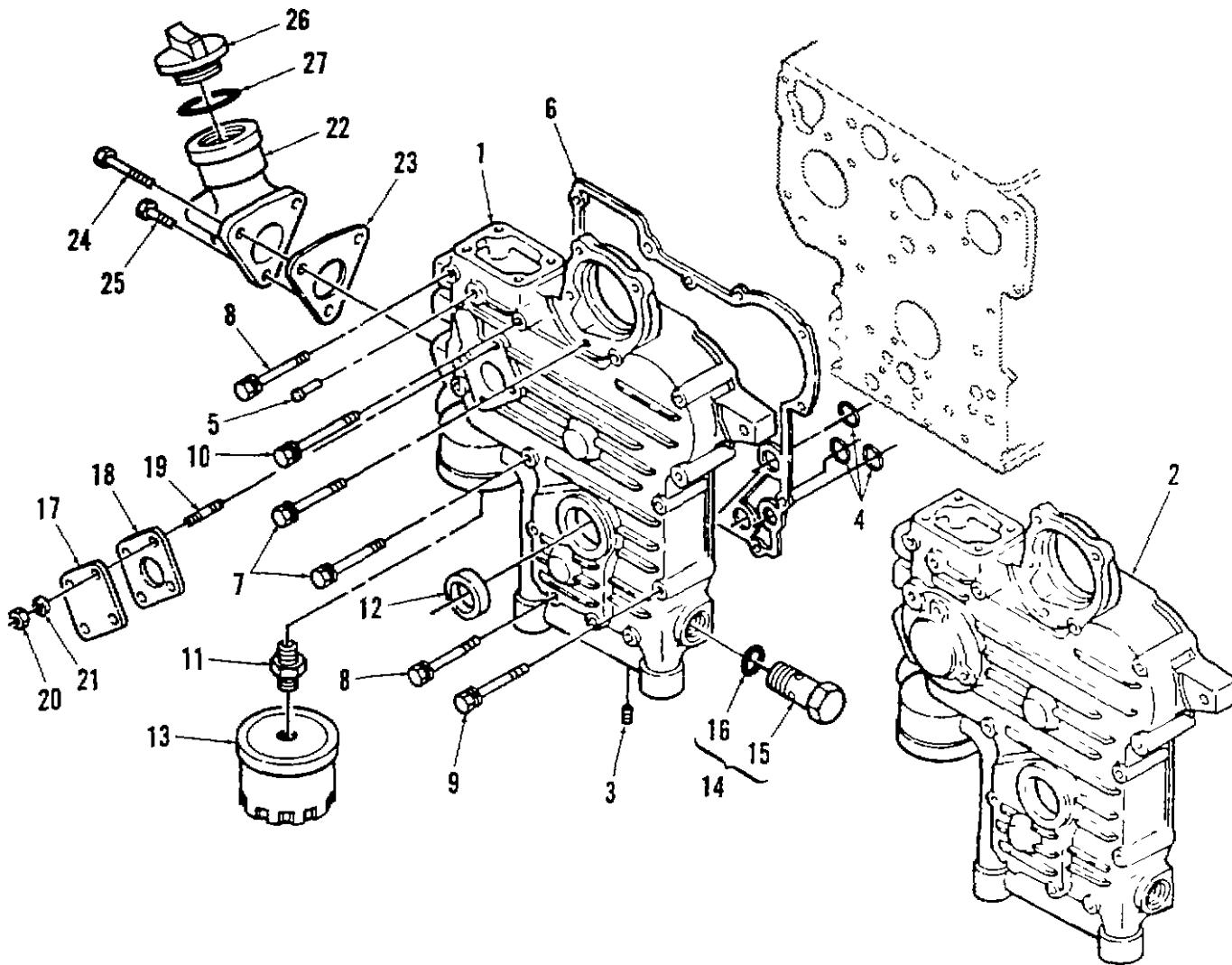
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2035	1	Hol der. Bearing - Main. Rear	11	185-2055	1	Seal. Oil - Crankshaft, Rear
2	NFS		Hol der. Bearing - Hal f. Upper	12	185-2034	1	Hol der. Bearing - Mai n, Center
3	NFS		Hol der. Bearing - Hal f, Lower	13	NFS		Hol der. Bearing - Hal f, Upper
4	185-2037	4	Bolt, Hex	14	NFS		Hol der. Bearing - Hal f. Lower
5	185-2039	6	Retainer, Bolt/Nut	15	185-2038	2	Bolt. Hex
6	185-2036	1	Gasket			2	Retainer, Bolt/Nut
7	185-2254	1	cover Plate - Bearing	16	185-2040	1	Hol der. Bearing - Mai n, Front
8	185-2127	1	Gasket	18	NFS		Hol der. Bearing - Hal f. Upper
9	185-2390	9	Screw. Cap - Hex Head with Lockwasher (MS X 1 X 20mm)	19	NFS		Hol der. Bearing - Hal f, Lower
10	185-2391	8	Screw, Cap - Hex Head with Lockwasher (M6 X 1 X 25mm)				

Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2075	6	Tappet	1	185-2042	1	Gear
2	185-2074	6	Rod, Push	12	NFS		Gear
4	185-2082	1	Camshaft	13	185-2048	2	Bushing. Sleeve
5	185-2190	2	Plug	14	185-2046	1	Spacer
6	185-2086	1	Gear	15	185-2047	1	Spacer
7	185-2353	1	Key	16	185-2045	1	Ring, Retaining
8	185-2084	1	Plate, Retaining	17	185-2044	1	Shaft
9	185-2369	1	Ring, Retaining	18	185-2388	3	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 16mm)
10	185-2387	2	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 14mm)				

Gearcase & Oil Filter

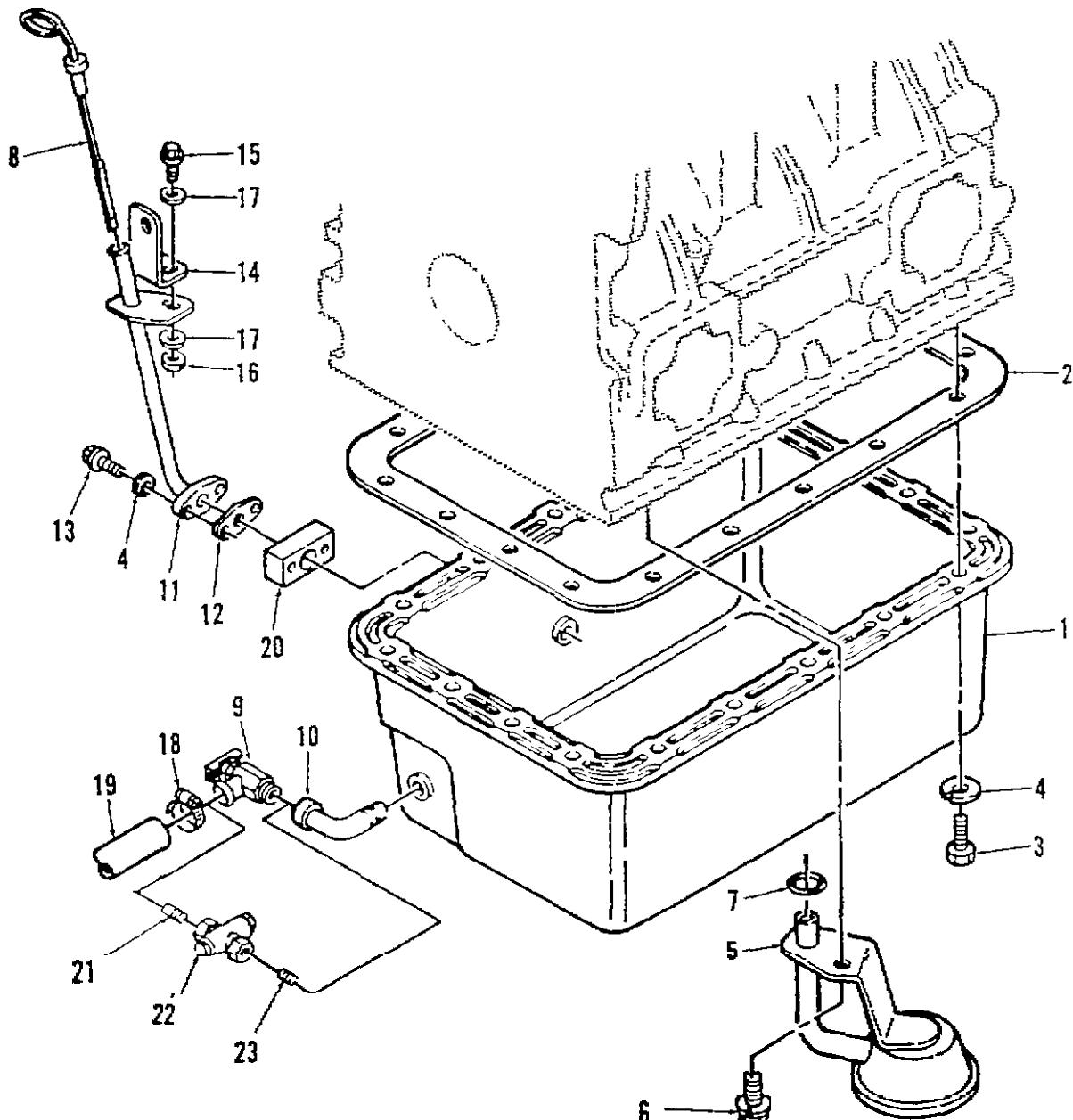


LS-1133

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	PART NO.	QTY. USED	PART DESCRIPTION	
1	185-2051	1	Gearcase (Style I Governor)	14	185-2157	1	Valve, Relief - Pressure
2	185-2430	1	Gearcase (Style II Governor)	15	NFS		Valve
3	185-2189	2	Plug, Pipe - Socket Drive	16	185-2372	1	O-Ring
4	185-2374	3	O-Ring	17	185-2153	1	Plate, Cover (Style I Gov.)
5	185-2102	1	Pin, Straight	18	185-2104	1	Gasket (Style I Gov.)
6	185-2058	1	Gasket	19	185-2105	4	Stud
7	1.352395	7	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 60MM)	20	750-1004	4	Nut, Hex (M6 x 1)
8	185-2396	5	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 65MM)	21	185-2380	4	Washer, Lock - Spring (M6)
9	185-2397	1	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 70MM)	22	185-2296	1	Housing, Oil Fill
10	185-2398	1	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 75MM)	23	185-2309	1	Gasket
11	185-2124	1	Nipple, Pipe - Hex	24	185-2394	2	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 50MM)
12	185-2317	1	Seal, Oil - Crankshaft	25	185-2390	1	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 20MM)
13	185-2123	1	Filter, Oil	26	185-2093	1	Cap, Oil Fill
				27	185-2349	1	O-Ring

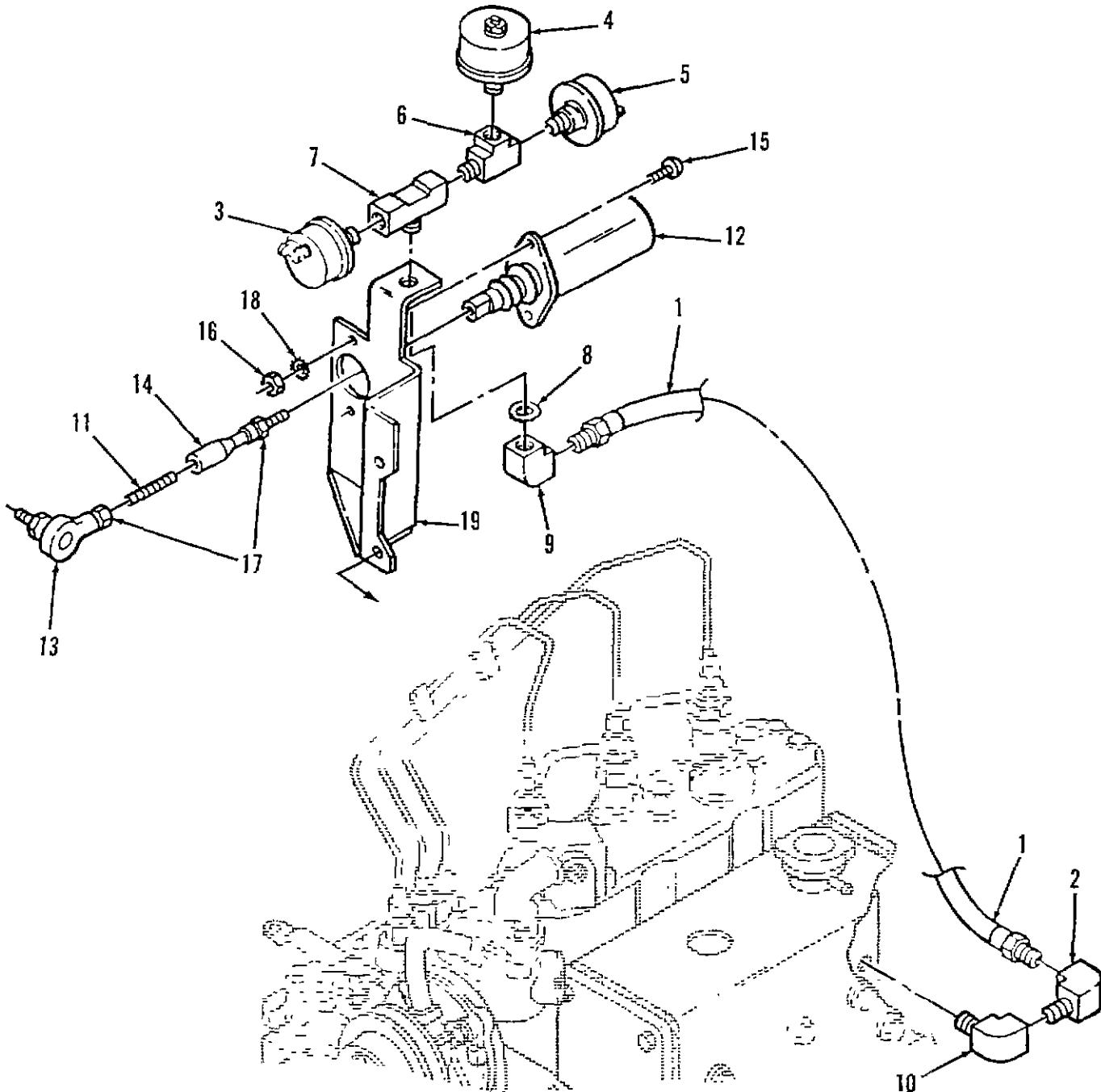
NOTE See introduction for governor style identification

Oil Pan & Dipstick



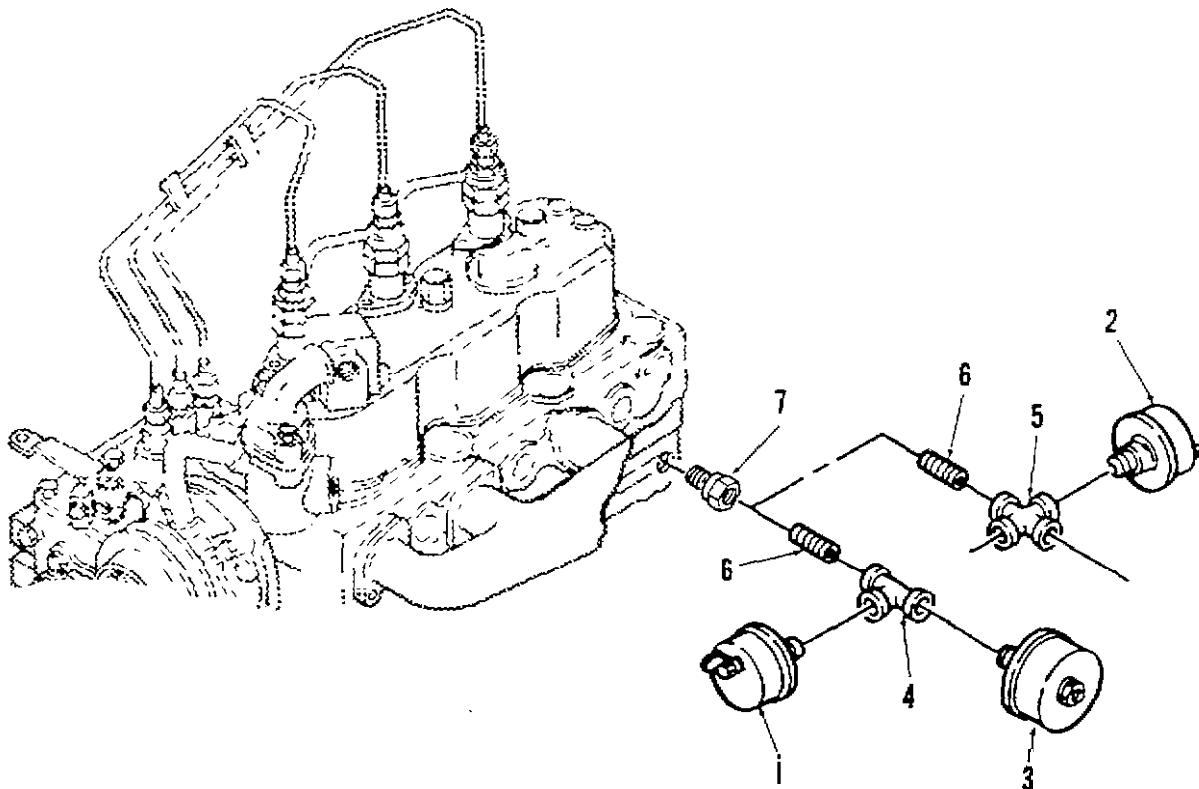
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF No.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2281	1	Pan, Oil	14	123-1693	1	Bracket, Oil Indicator Guide
2	185-2212	1	Gasket	15	185-2400	1	Screw, Cap - Hex Head with Lock&washer (M8 x 1.25 x 16mm)
3	185-2226	18	Bolt, Hex with Lockwasher	16	185-2366	1	Nut, Hex (M8 x 1.25)
4	185-2380	1	Washer, Lock & Spring (M6)	17	165-2377	3	Washer, Flat (MS)
5	185-2220	1	Cup, Pickup - Oil	18	503-0131	1	Clamp, Hose
6	185-2399	1	Screw, Cap - Hex Head with Lockwasher (M8 x 1.25 x 16mm)	19	503-0891	1	Hose, Rubber
1	185-2371	1	O-Ring	20	123-1628	1	Spacer
8	185-2209	1	Indicator, Oil Level	21	505-0135	1	Nipple, Half - Used Beginning November 1984
9	504-0092	1	Cock, Valve (used through November 1984)	22	504-0030	1	Valve, Cock - Used Beginning November 1984
10	505-0120	1	Elbow, Pipe - Street, 90°	23	505-0101	1	Nipple, Close - Used Beginning November 1984
11	185-2210	1	Guide, Oil Indicator				
12	185-2410	2	Gasket				
13	800-2036	2	Screw, Cap - Hex Head (M6 x 1 x 30mm)				

**Oil Pressure Switches
(Remote Start Sets)**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF No.	PART No.	QTY USED	PART DESCRIPTION
1	501-0005	1	Line, Fuel ~ Flexible 90'	8	856-0012	1	Washer, Lock ~ IT (7/16")
2	505-0049	1	Elbow, Pipe Street	9	502-0005	1	Elbow, Pipe ~ 90°. Brass
3	309-0159	1	Switch, Pressure (S6) (Power Latch)	10	505-0049	1	Elbow, Pipe ~ Street, 90° Used through February 1984
4			Sender, Pressure ~ Oil (El)	11	505-1342	1	Used Beginning March 1984
	193-0244	1	{Not Used On All Applications}	12	520-0939	1	Stud, Solenoid ~ Stop
	193-0404	1	Single Pole	13	307-2546	1	Solenoid, Stop
			Double Pole	14	150-1995	1	Ball Joint
5			Switch, Pressure (SI) (Shutdown)	15	150-1733	1	Ball Joint
	309-0064	1	Single Pole	16	813-0102	2	Screw, RHM (#10-32 x .62")
	309-057s	1	Double Pole	17	870-0131	2	Nut (#10-32)
6	502-0058	1	Tee, Pipe ~ Brass (1/8) (Not Used On All Applications)	18	115-0025	2	Nut, Tappet (1/4-28)
7	502-0057	1	Tee, Pipe ~ Brass (1/B)	19	856-0003	2	Washer, Lock ~ EIT (#10)
					150-1992	1	Bracket, Mounting ~ Stop Solenoid

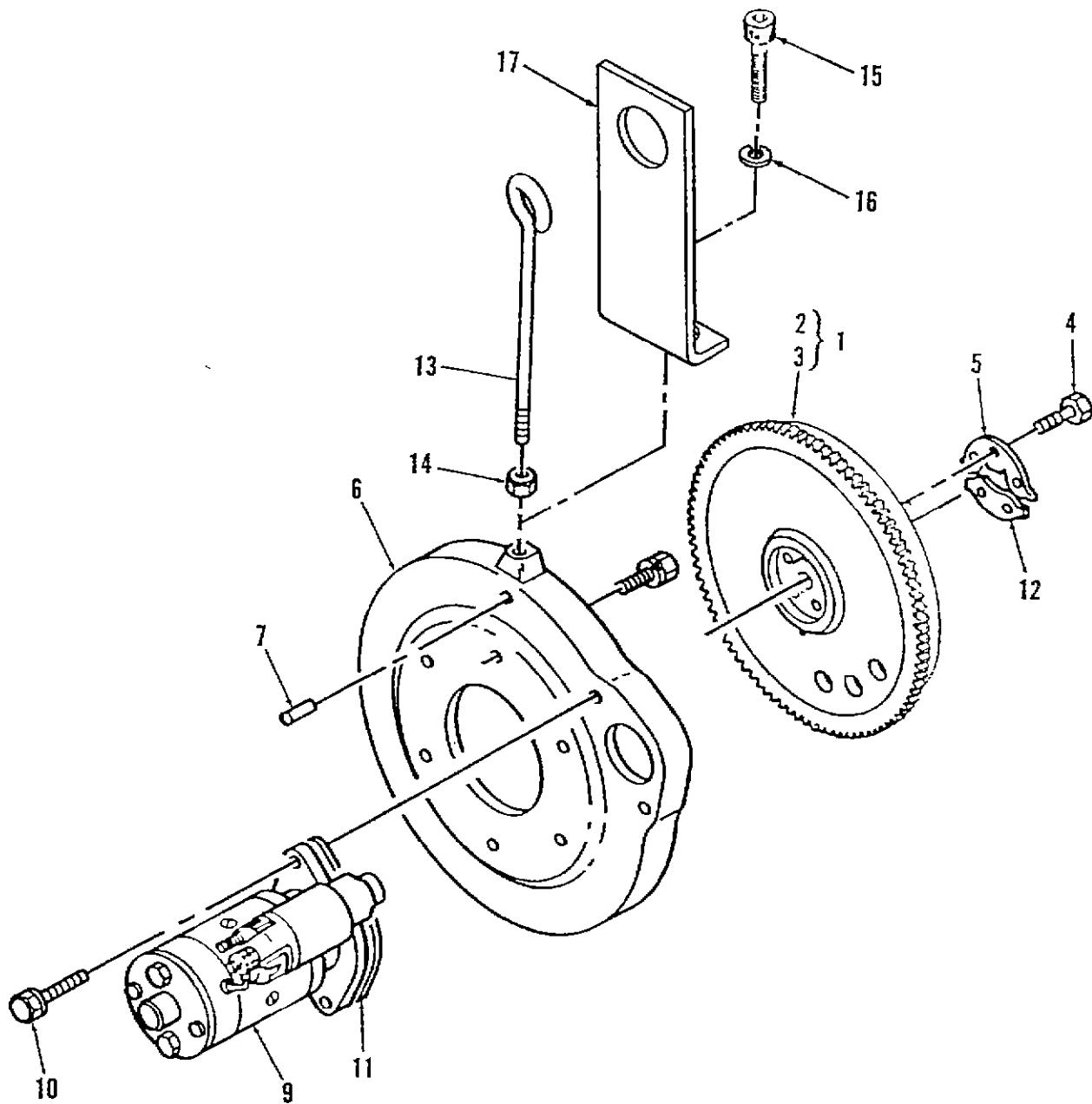
**Oil Pressure Switches
(Manual Start Sets)**



LS-1136

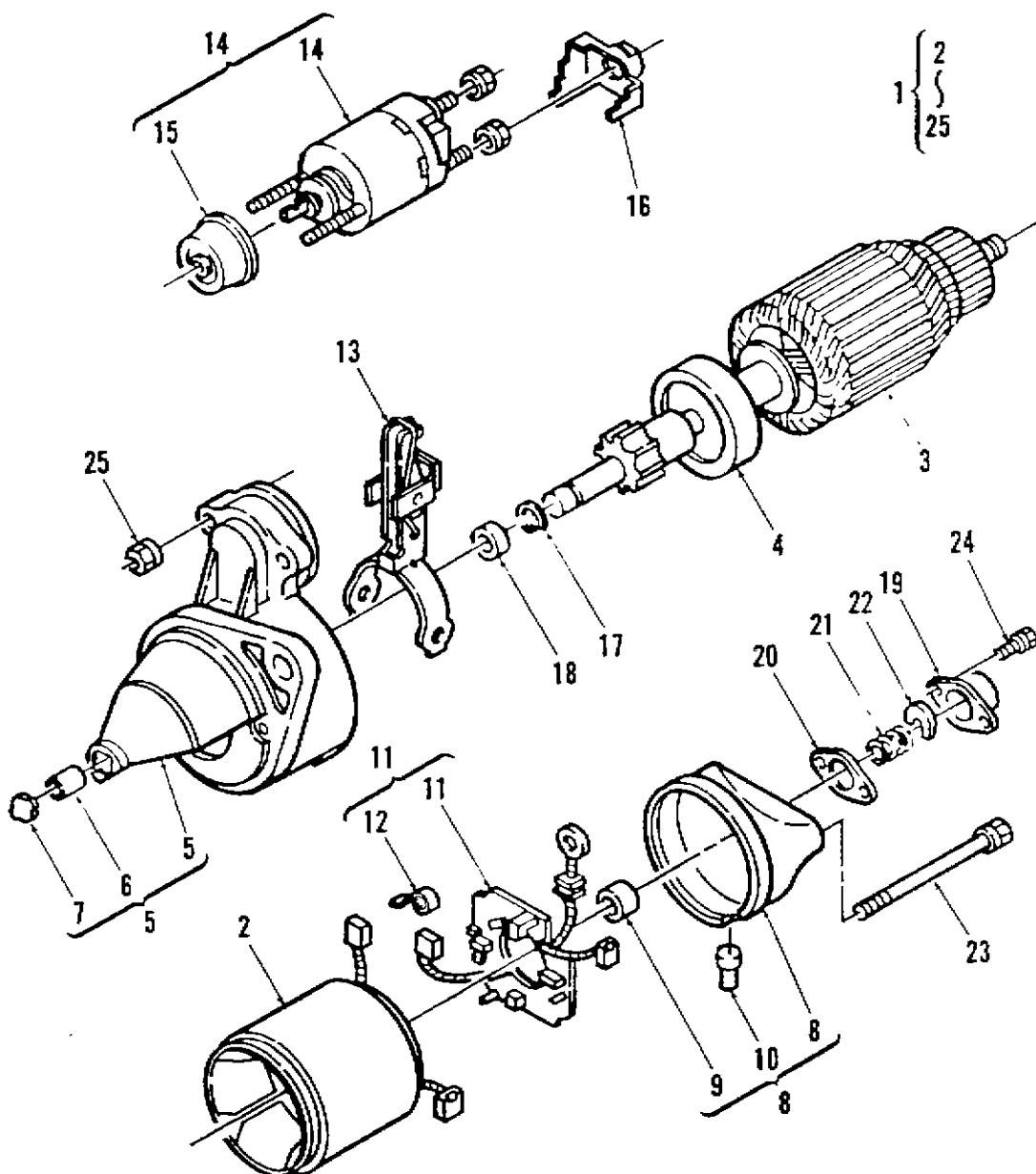
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0064	1	Switch, Pressure - Oil (S1) (Shutdown)	4	505-0059	1	Tee, Pipe - Iron
2	309-0159	1	Switch, Pressure - Oil (S6)	5	505-0763	1	Cross, Pipe - Iron
3	193-0244	1	Switch, Pressure - Oil (E1)	6	505-0098	1	Nipple, Pipe - Close
					1	1	Adapter, Pipe - Brass (Used Beginning March 1984)

Flywheel & Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2308	1	Flywheel (Includes Gear Ring)	11	185-2314	1	Gasket
2	NFS		Flywheel	12	185-2219	1	Plate, Locking - Bolt/Nut
3	185-2170	1	Gear, Ring	13	403-2214	1	Bolt, Eye (Used Through Spec A)
4	185-2301	5		14	862-0003	1	Nut, Hex (3/8-16) (Used Through Spec A)
5	185-2218	1	Plate, Backing - Bolt/Nut	15	802-0072	1	Screw, Socket Head (3/8-16 x 1")
6	185-2417	1	Adapter, Generator	16	850-0050	1	Washer, Lock - Spring (3/8")
7	775-0072	1	Pin, Straight	17	403-2634	1	Bracket, Lifting (Begin Spec B)
B	185-2178	B	Bolt, Hex with Lockwasher				
9	185-2116	i	starter (12VDC) (See separate Figure for Replacement Parts)				
10	185-2404	2	Screw, Cap - Hex Head with Lo&washer (MB x 1.25 x 28mm)				

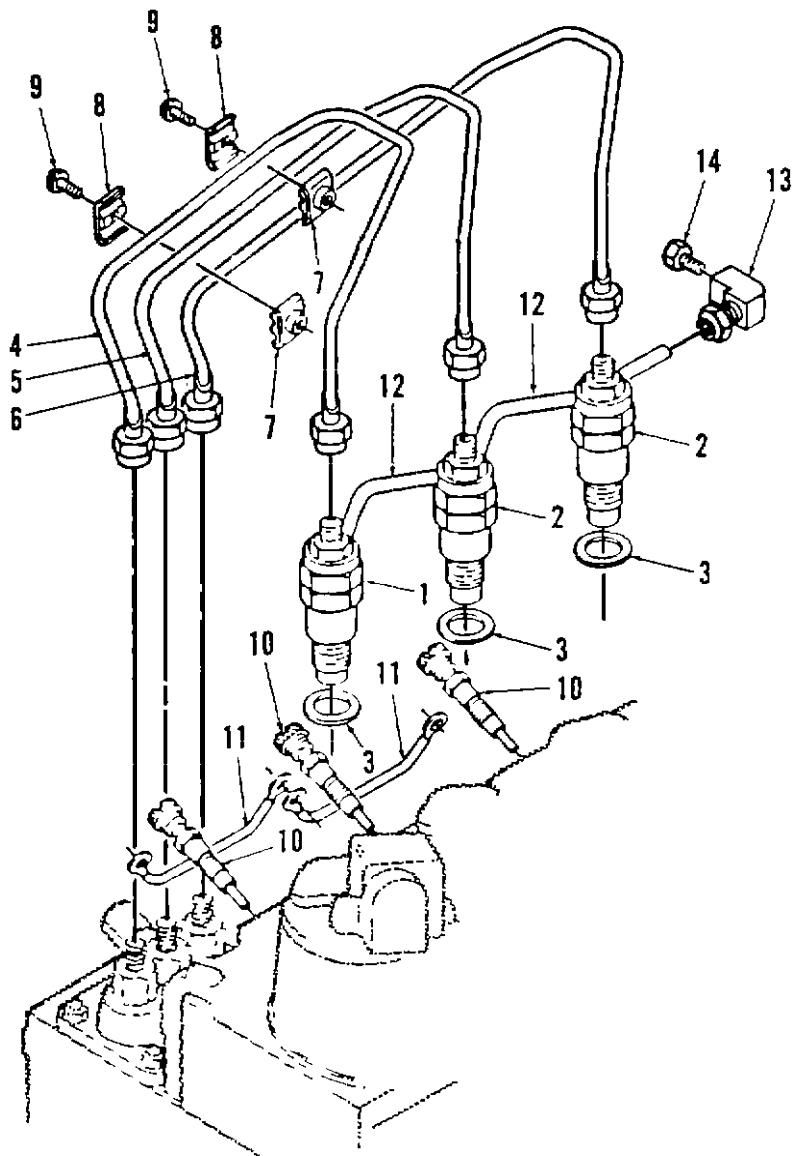
Starter - Exploded View



ES-1474

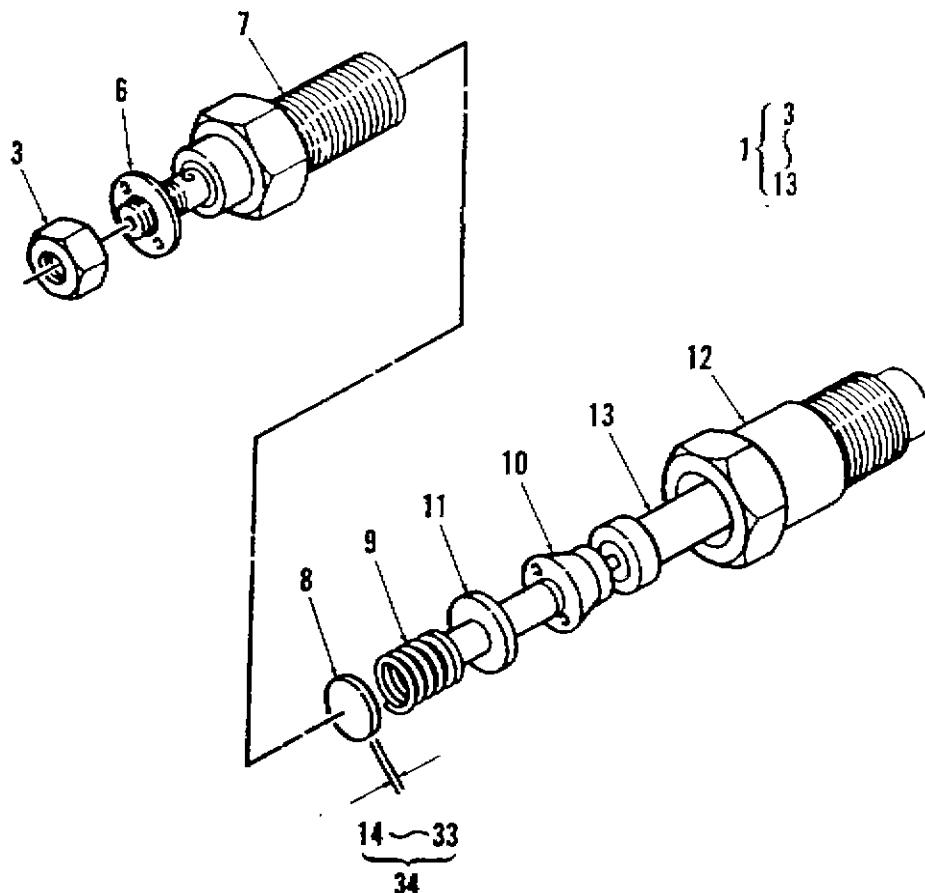
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	185-2116	1	Starter (12VDC) (Complete)	14	185-2117	1	Solenoid
2	185-2322	1	Coil, Field	15	185-2331	1	Cover, Plunger
3	185-2321	1	Armature	16	185-2323	1	Insulator, Terminal
4	185-2319	1	Clutch	17	185-2111	1	Ring, Retaining
5	185-2118	1	Housing, Drive End	18	185-2195	1	Spacer, Sleeve
6	185-2295	1	Bushing, Sleeve	19	185-2332	1	Housing
7	185-2335	1	Cover	20	185-2333	1	Gasket
8	185-2326	1	Housing, Brush End	21	185-2325	1	Spring
9	185-2327	1	Bushing, Sleeve	22	185-2324	1	Clip, Retaining
10	185-2119	1	Cover	23	185-2328	2	Bolt, Hex
11	185-2329	1	Brush Rig	24	185-2383	2	Screw, Machine - Pan Head with Lockwasher (M4 x .5 x 14MM)
12	185-2330	4	Spring	25	185-2334	2	Nut, Hex
13	185-2320	1	Lever, Drive				

Glow Plug & Injection Nozzles



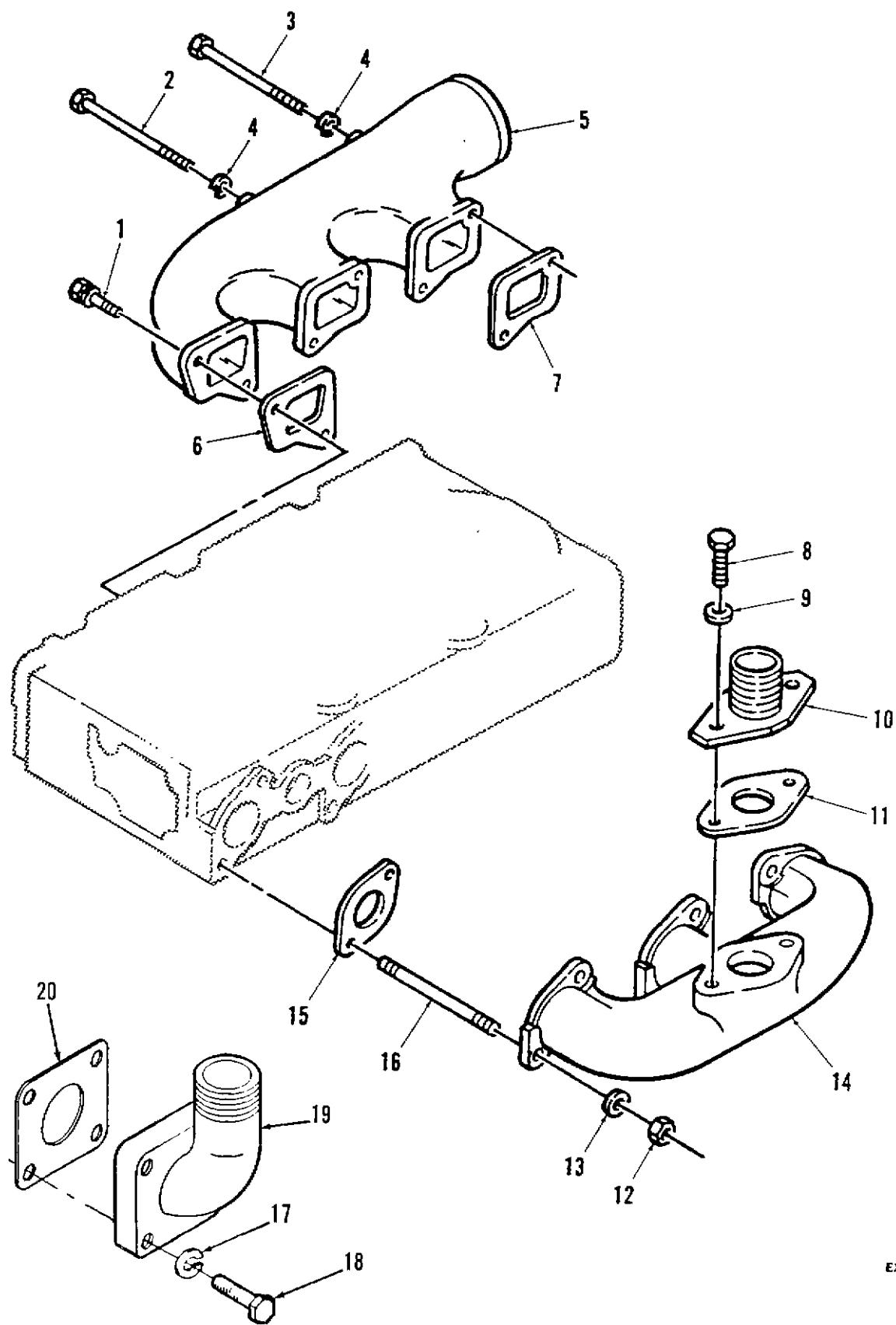
REF# A R T NO.	QTY USED	PART DESCRIPTION	AEF NO.	PART NO.	QTY USED	PART DESCRIPTION
1 185-2436	1	Nozzle, Injection - Fuel (See separate Page for Components)		8 185-2345 9 185-2385	2	Clamp
2 185-2436	2	Nozzle, Injection - Fuel (See separate Page for Components)		10 185-2289 11 m-2172	2	Screw, Machine - Pan Head with Lockwasher (M5 X .8 x 20mm)
3 185-2294	3	Gasket		12 185-2437	3	Plug, Glow (12 VDC)
4 185-2159	1	Line, Fuel - Injection		13 502-0886	2	Lead, Electrical
5 185-2160	1	Line, Fuel - Injection		14 502-0175	1	Tube, Fuel - Overflow
6 185-2224	1	Line, Fuel - Injection			1	Elbow, Tube to Pipe, 90'
7 185-2344	2	Clamp			1	Adapter, Pipe - Hex (Used Beginning November 1984)

Injection Nozzle - Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2436	1	Nozzle, Injection (Complete)	20	185-2138		Shim { 1.30mm}
3	185-2107	1	Nut, Hex	21	165-2139		Shim { 1.35mm}
6	185-2109	1	Washer, Flat	22	185-2140		Shim { 1.40mm}
7	NFS		Screw, Adjusting - Pressure	23	185-2141		Shim { 1.45mm}
8	185-2099	1	Shim	24	185-2142		Shim { 1.50mm}
9	185-2098	1	Spring	25	195-2143		Shim { 1.55mm}
10	185-2101	1	spacer	26	185-2144		Shim { 1.60mm}
11	185-2097	1	Spindle	27	185-2145		Shim { 1.65mm}
12	185-2100		Holder, Nozzle	28	185-2146		Shim { 1.70mm}
13	185-2459		Nozzle, Injection - Fuel	29	185-2147		Shim { 1.75mm}
14	185-2132		Shim { 1.00mm}	30	185-2148		Shim { 1.80mm}
15	185-2133		Shim { 1.05mm}	31	185-2149		Shim { 1.85mm}
16	185-2134		Shim { 1.10mm}	32	185-2150		Shim { 1.90mm}
17	185-2135	1	Shim { 1.15mm}	33	185-2151		Shim { 1.95mm}
18	185-2136		Shim { 1.20mm}	34	165-2444		Shim Pkg
19	185-2137		Shim { 1.25mm}				

Inlet/Exhaust Manifold



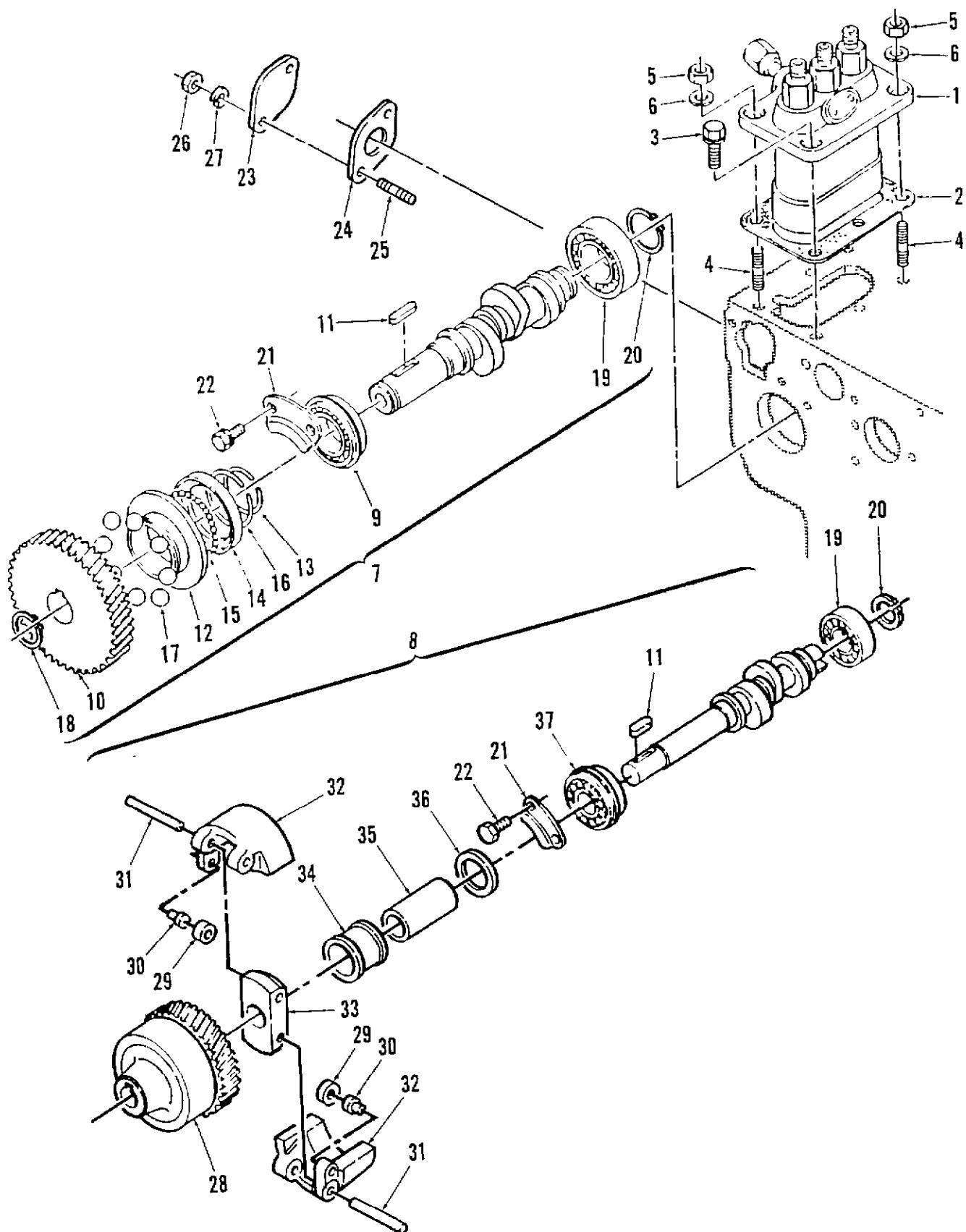
EXS-1115

Inlet/Exhaust Manifold

REF NO.	PART ND.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2390	4	Screw, Cap Hex Head with Lockwasher (M6 x 1 x 20mm)	15	185-2131	3	Gasket, Manifold - Exhaust
2	185-2253	1	Bolt, Hex	154-2471	1	* Spec D	Spec A-C
3	185-2225	1	Bolt, Hex	16	185-2227	6	Stud, Manifold - Exhaust
4	850-2006	2	Washer, Lock Spring (M6)	520-0944	6	* Spec D	Spec A-C
5	185-2307	1	Manifold, Inlet	17	850-2058	4	Washer, Lock Spring (M8) (Spec D)
6	185-2129	1	Gasket	18	800-2059	4	Screw, Cap - Hex Head (M8 x 1.25 x 20mm) (Spec D)
7	185-2130	2	Gasket	19	155-2666	1	Elbow, Exhaust (Spec D)
8	815-0585	2	Screw, Cap - Hex Head (M10 x 1.25 x 20mm)	20	155-2619	1	(Attaches to 154-2880, Spec D, Exhaust Manifold)
9	5X-2120	2	Washer, Flat (M10)				*Gasket, Elbow - Exhaust (Spec D)
10	154-2485	1	Adapter, Exhaust				
11	185-2203	1	Gasket, Manifold - Exhaust (Spec A-C)				
12	860-2007	6	Nut, Hex (M6)				
13	850-2006	6	Washer, Lock - Spring (M6)				
14			Manifold, Exhaust				
	185-2214	1	Spec A-C				
	154-2880	1	* Spec D				

* - These parts are shipped loose by Kubota.

Fuel System -
Injection Pump & Driveshaft

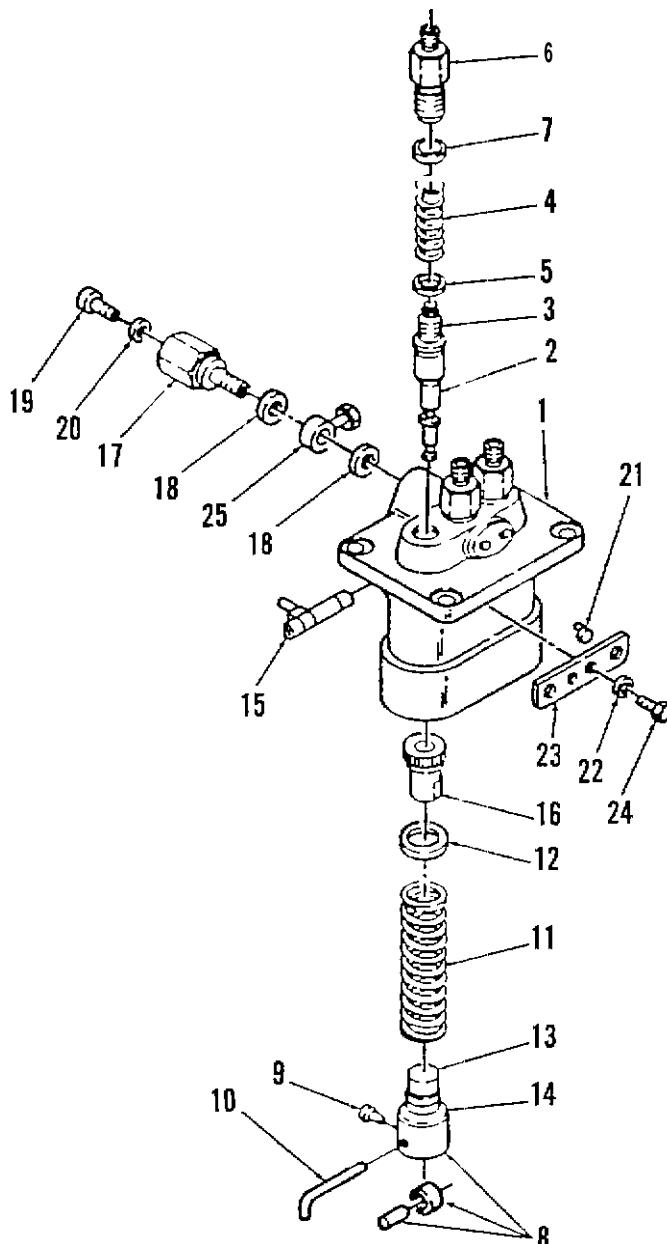


**Fuel System
Injection Pump and Driveshaft**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	m - 2 2 2 1	1	Pump. Injection - Fuel (See Separate Page for Components)	21	185-2085	1	Plate, Retaining
2	185-2223	4	Shim (0.15mm)	22	185-2386	2	Screw. Cap - Hex Head with Lockwasher (M6 x 1 x 12mm)
3	185-2402	2	Screw. Cap - Hex Head with Lockwasher (M8 x 1.25 x 22mm)	23	185-2418	1	Cover. Fuel Pump Mounting Hole
4	185-2106	2	Stud (M8 x 1.25)	24	185-2125	1	Gasket
5	185-2367	2	Nut, Hex (M8 x 1.25)	25	185-2359	2	Stud (M6 x 1 x 16mm)
6	185-2381	2	Washer. Lock - Spring (M8)	26	750-1004	2	Nut. Hex (M6 x 1)
7	185-2083	1	Shaft Assembly, Fuel (Style I Governor)	27	185-2380	2	Washer. Lock - Spring (M6)
8	185-2446	1	Shaft Assembly, Fuel (Style II Governor)	28	185-2448	1	Gear
9	185-2316	1	Bearing, Ball	29	165-2443	2	Roller
10	185-2158	1	Gear	30	NFS	2	Pin. Straight - Headed
11	185-2354	1	Key	31	185-2452	2	Pin, Straight - Headless
12	185-2162	1	Retainer. Ball - Governor	32	815-2454	2	Weight. Governor (Includes Pivot Pins)
13	185-2163	1	Ring, Retaining	33	185-2453	1	Holder. Weight
14	185-2164	1	Race, Ball - Governor	34	185-2449	1	Sleeve
15	185-2357	30	Ball	35	185-2451	1	Collar
16	185-2165	1	Ring, Retaining	36	185-2450	1	Washer. Thrust
17	185-2358	7	Ball	37	185-2447	1	Bearing. Ball
18	185-2369	1	Ring, Retaining				
19	815-2315	1	Bearing. Ball				
20	185-2370	1	Ring, Retaining				

NOTE: See Introduction for governor style identification.

Injection Pump - Components

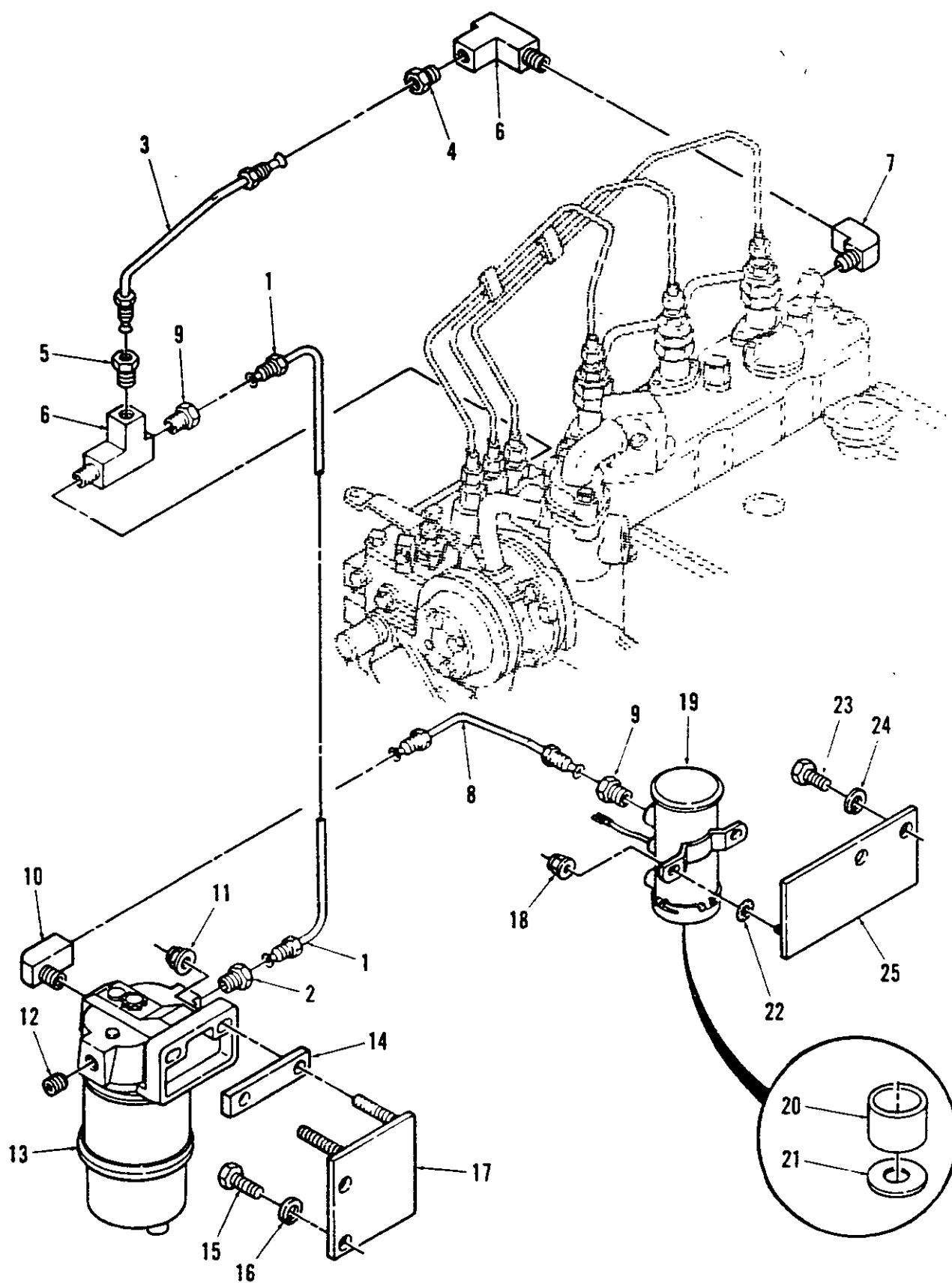


REF ND.	PART No.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2221	1	REF Pump, Injection - Fuel	16	NFS		Shaft, Fuel Control
2	NFS		Housing, Pump	11	NFS		Sleeve, Fuel Control
3	NFS		Plunger, Delivery Valve	18	NFS		Vent, Air
4	NFS		Valve, Delivery	19	185-2197	2	O-Ring
5	NFS		Spring	20	NFS		Screw, Cap - Hex Head (Air Vent)
6	185-2196	3	Gasket				O-Ring
7	NFS		Connector, Fuel Line	21	185-2318	1	Collar
a	X35-2198	3	O-Ring	22	NFS		Washer, Lock - Spring
	NFS		Tappet (Includes Roller and Shaft)	23	NFS		Plate, Adjusting
9			Pin, Shouldered	24	NFS		Screw, Cap - Hex Head
10	NFS		Pin, Roller Shaft	25	NFS		Adapter, Line - Fuel
11	NFS		Spring	26	185-2415	1	Joint, Eye (Injection Pump Inlet) (Spec D) (Shipped loose by Kubota) (Not illustrated)
12	NFS		Seat, Spring - Upper	27	147-0736		
13	NFS		Seat, Spring - Lower				
14	NFS		Shim				
15	NFS						



Fuel System - With Electrical Pump and Filter
 (RV - Spec A and B)
 (Aux - Spec B and C)

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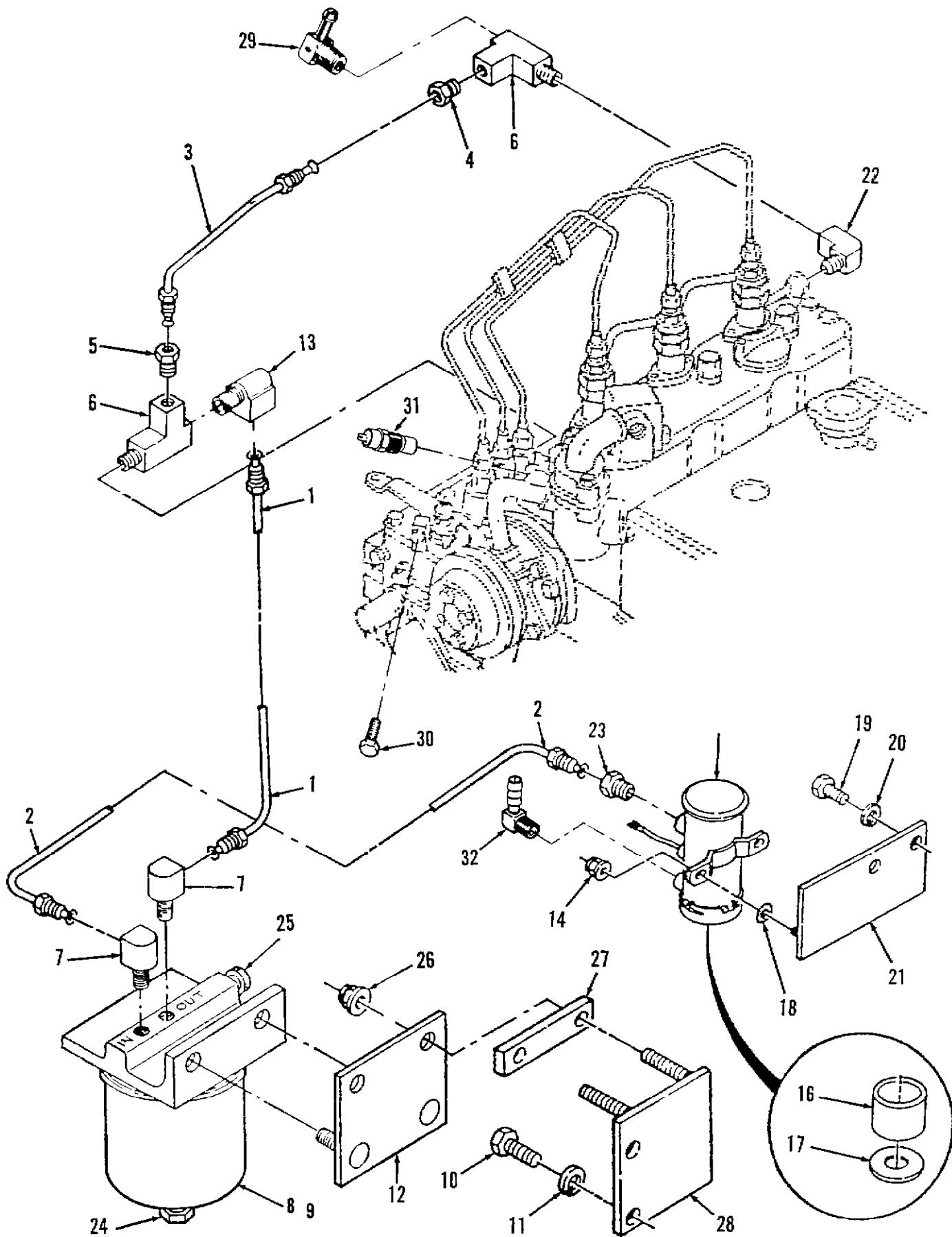


FS-1557

Fuel System - With Electrical Pump and Filter
{RV - Spec A and B}
(Aux - Spec B and C)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF No.	PART NO.	QTY USED	PART DESCRIPTION
1	149-1945	1	Line, Fuel	14	149-1922	1	Spacer, Filter - Fuel
2	502-0033	1	Adapter, Pipe - Hex	15	815-0586	2	Screw, Cap - Hex Head (M10 x 1.25 x 16mm)
3	149-1944	1	Line, Fuel	16	850-2010	2	Washer, Lock - Spring (M10)
4	502-0281	1	Adapter, Pipe - Hex with Restrictor Plug	17	149-1920	1	Plate, Mounting - Fuel Filter
5	502-0097	1	Adapter, Pipe - Hex	18	870-0212	2	Nut, Self-locking - Hex
6	502-0058	2	Pipe, Tee				Washer Head (1/4-20)
7	502-0886	1	Elbow, Tube to Pipe - 90'	19	149-1828	1	Pump, Fuel - Electric (12 VDC)
8	149-1932	1	Line, Fuel	20	149-1445	1	Filter, Pump - Fuel
9	502-0003	2	Adapter, Pipe - Hex	21	149-1446	1	Gasket, Cover - Fuel Pump
10	502-0041	1	Pipe, Elbow - Street, 90'. Brass	22	856-0006	2	Washer, Lock - EIT (1/4)
11	870-0257	2	Nut, Self-Locking - Hex Washer Head (5/16-18)	23	815-0586	2	Screw, Cap - Hex Head (M10 x 1.25 x 16mm)
12	505-0180	1	Plug, Pipe - Square Socket Drive	24	850-2010	2	Washer, Lock - Spring (M10)
13	149-1908-04	1	Filter/Separator - Fuel (Pressure Type) (See separate Page for Components)	25	149-1921	1	Plate, Mounting - Fuel Pump
	149-1908-06	1	Filter/Separator - Fuel (Pressure Type) (Includes Electric Fuel Heater and Bowl Heater) (See Separate Page for Components)				

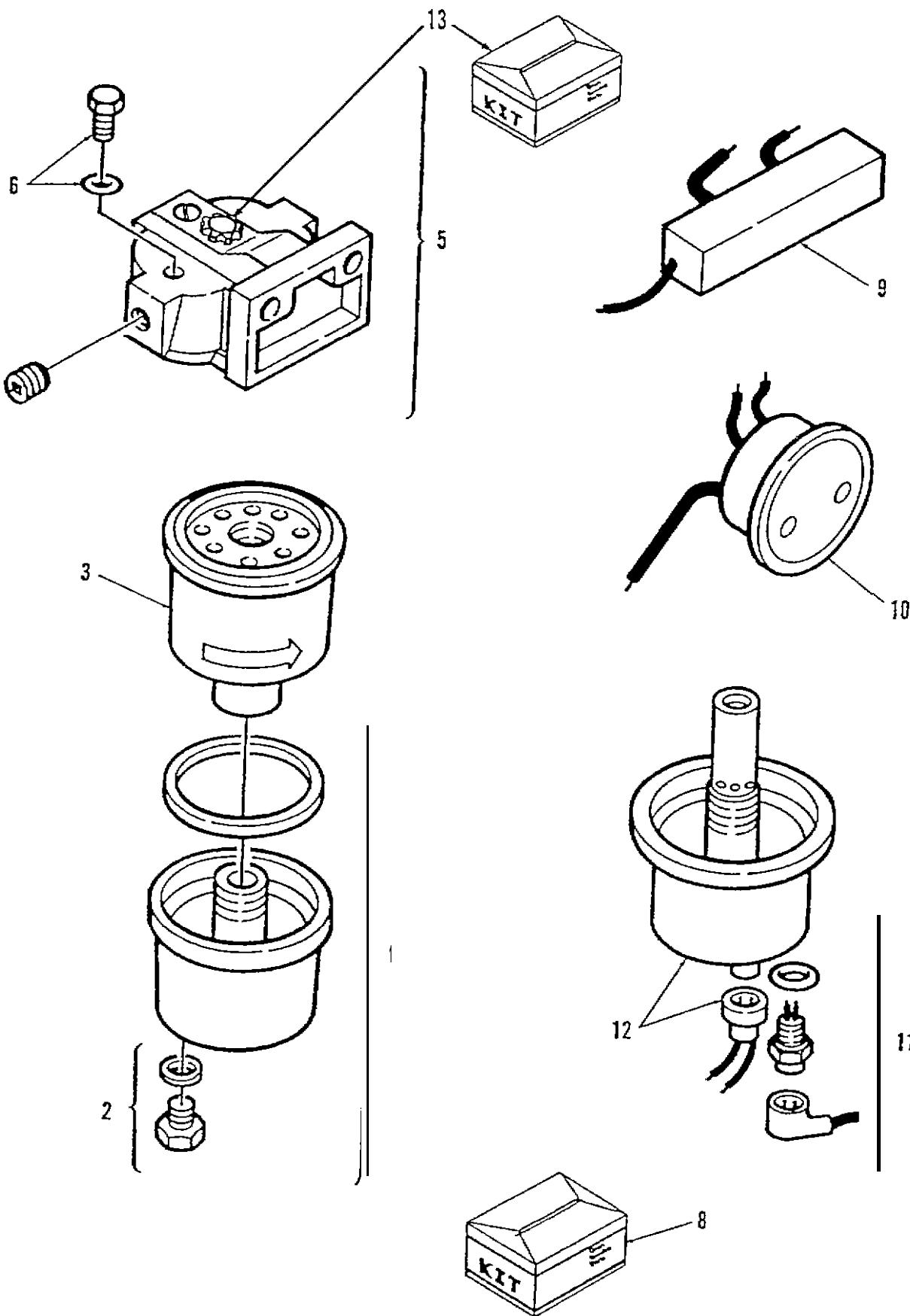
Fuel System - With Electrical Pump and Filter
 (RV - Spec C-O)



Fuel System • With Electrical Pump and Filter
(RV - Spec C-D)

REF NO.	PART ND.	QTY USED	PART DESCRIPTION	REF NO.	PART ND.	QTY USED	PART DESCRIPTION
1	149-2102	1	Line, Fuel - Flexible	16	856-0006	2	Washer, Lock - EIT (1/4)
2	149-2101	1	Line, Fuel - Flexible	19	815-0586	2	Screw, Cap - Hex Head (M10 x 1.25 x 16mm)
3	149-1944	1	Line, Fuel - Flexible	20	850-2010	2	Washer, Lock - Spring (M10)
4	502-0281	1	Adapter, Pipe - Hex with Restrictor Plug	21	149-1921	1	Plate, Mounting - Fuel pump
5	502-0097	1	Adapter, Pipe - Hex	22	502-0886	1	Elbow, Tube to Pipe - 90'
6	502-0058	2	Pipe, Tee	23	502-0003	1	Adapter, Pipe - Hex
7	502-0041	2	Connector, Male - Inverted, 90'	24	502-0028	1	Plug, Drain
8	149-2100	1	Filter Assembly, Fuel	25	149-2234	1	Vent, Air
9	149-2106	1	Element, Filter - Fuel	26	870-0257	2	Nut, Self-locking - Hex
10	815-0600	2	Screw, Cap - Hex Head (M10 X 1.25 X 25mm)	27	149-1922	1	Washer Head (5/16-18)
11	850-2010	2	Washer, Lock - Spring (M10)	28	149-1920	1	Spacer, Mounting - Fuel Filter
12	149-2108	1	Bracket, Mounting - Fuel Filter	29	502-0433	1	Plate, Mounting - Fuel Filter
13	502-0002	1	Elbow, Male - Inverted	30	815-0649	1	Elbow, Hose - Male (1/8NPT x 5/16 ID Hose) (Spec D)
14	870-0212	2	Nut, Self-locking - Hex Washer Head (1/4-20)	31	309-0513	1	Screw, Cap - Hex Head (M6 x 1.0 x 25) (Spec O)
15	149-1828	1	Pump, Fuel - Electric (12 VDC)	32	502-0313	1	Switch (Spec D)
16	149-1445	1	Filter, Pump - Fuel				Elbow, Hose - 90' (1/8 NPT X 1/4 ID Hose) (Spec D)
17	149-1446	1	Gasket, Cover - Fuel Pump				

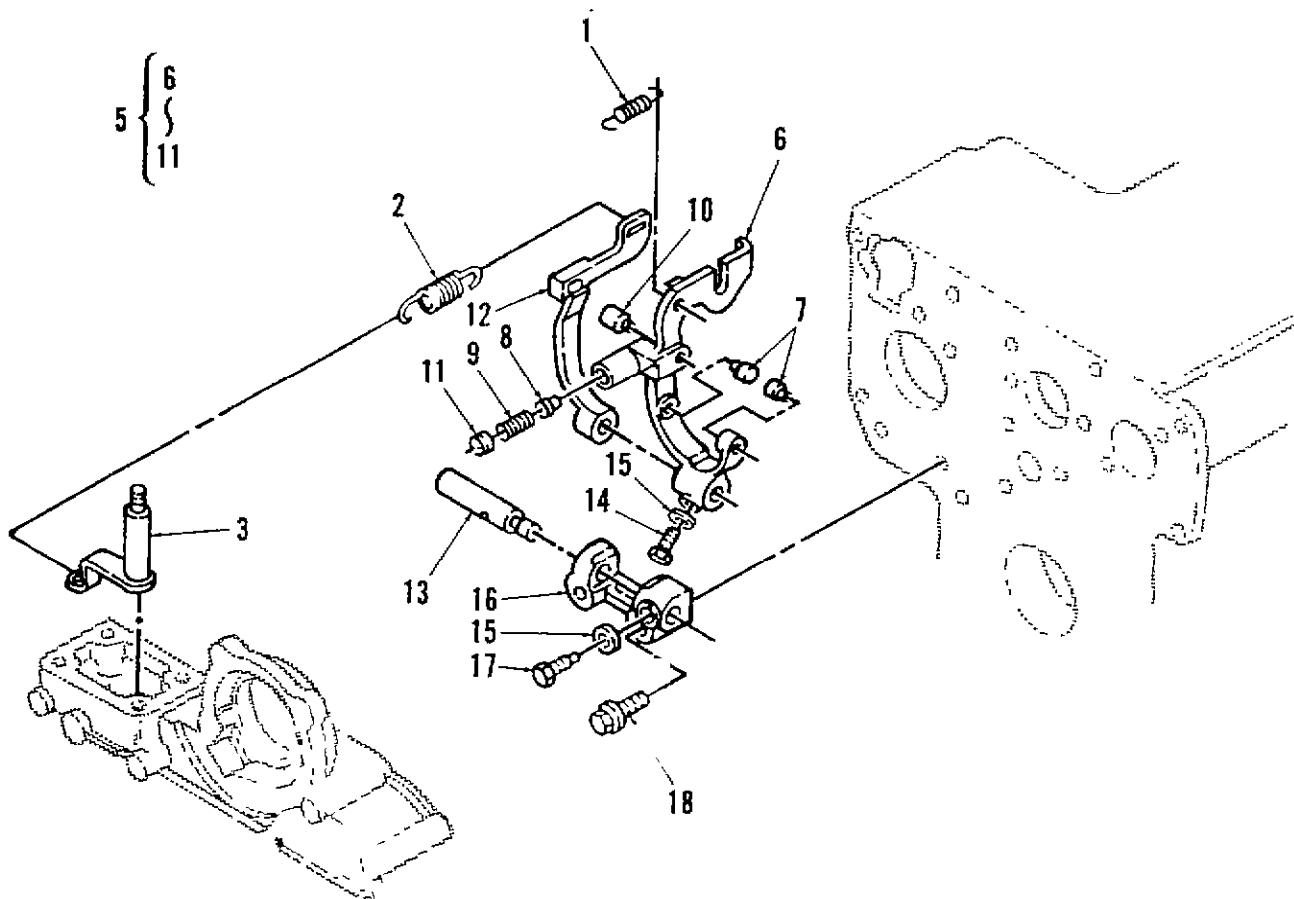
Fuel/Water Separator



Fuel/Water Separator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Filter/Separator. Fuel Complete (Pressure Applications)	8	149-2045	1	Seal Kit. Separator = Fuel/Water (Includes all O-Ring Seals and Plunger)
	149-1908-04	1	Without Fuel and Bowl Heaters	9	149-1971	1	Alarm/Tight = Wafer Sensor (Rectangular)
1	149-1908-06 149-2046	1	With Fuel and Bowl Heaters	10			Alarm/Tight = Water Sensor (Round)
1			Bowl. Metal = Replacement (Includes Seals. Plugs, and Drain Assembly]	149-1972		1	12 Volt DC
2	149-1953	1	Drain Assembly (Includes Knob and Seal)	149-2048		1	24 Volt DC
3	149-1914-04	1	Element, Filter (Includes O-ring Seal) (2 Micron)	11	149-2044	1	Probe Assembly (Includes Connector and O-Ring Seal)
				12			Heater Assembly (Includes Metal Bowl)
5	149-1949	1	Head Assembly. Replacement (Includes Vent Plug. O-Ring Seals. Pump Assembly and Tube)	149-1978		1	12 Volt DC
6	149-1952	1	Plug. Vent (Includes Seal)	149-1970		1	24 Volt DC
				1	3	149-2047	1
							Replacement Kit = Pump (Includes Knob. Shaft, Plunger. Ball and Ring) (The only way to get a replacement knob!)

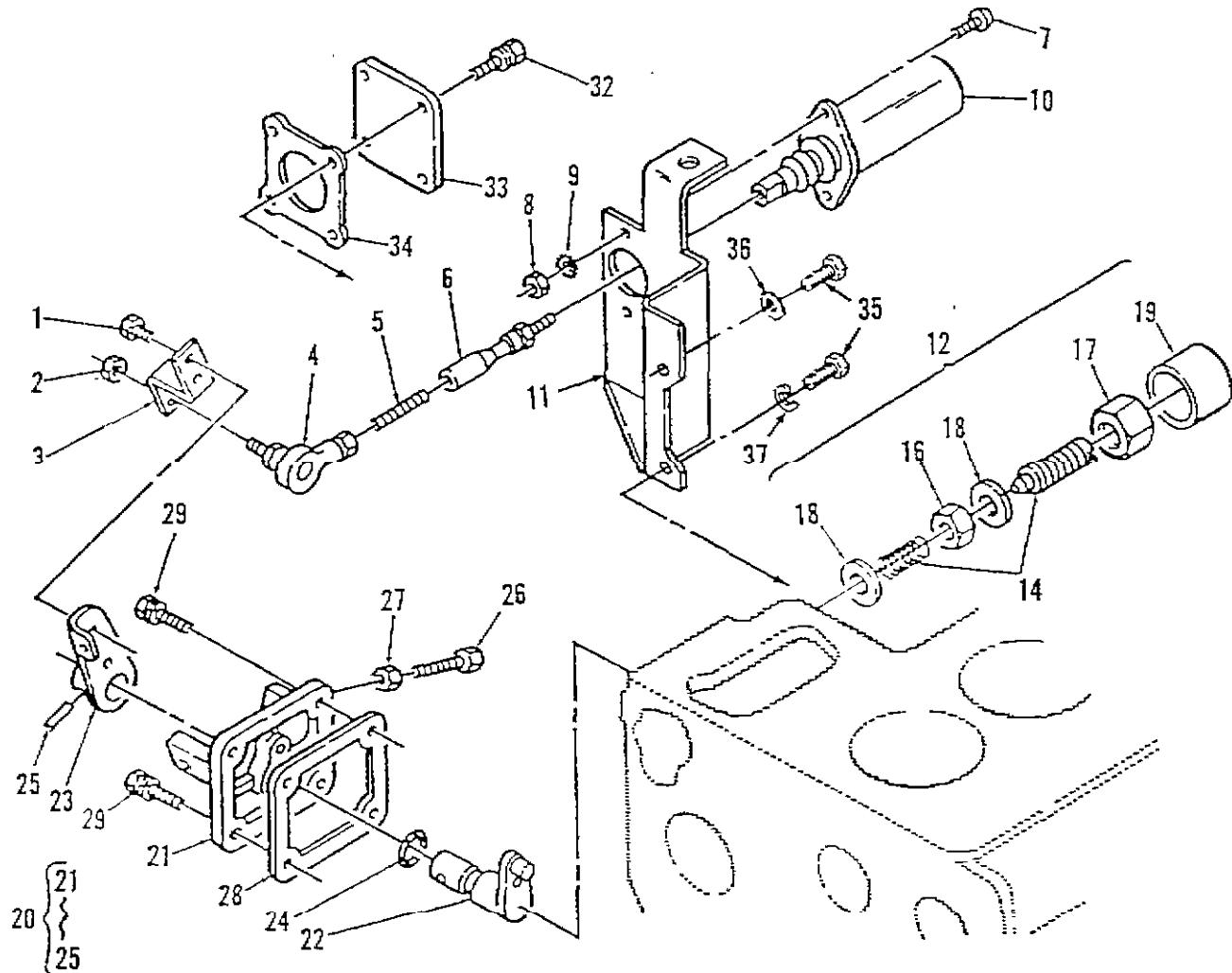
Governor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2103	1	Spring spring, Governor Style I	9	NFS		Spring
2	185-2466	1	50 HZ	10	NFS		Pivot
	185-2427	1	60 Hz	11	NFS		Screw, Adjusting
	185-2440	1	Style II	12	185-2262	1	Lever, Governor (Style I Gov.)
3	185-2261	1	Lever, with Shaft - Governor	13	185-2166	1	Lever, Governor (Style II Gov.)
5	185-2310	1	Lever Assembly, Governor (Style I Gov.)	14	718-1006	1	Shaft
	185-2441	1	Lever Assembly, Governor (Style II Gov.)	15	185-2379	1	Screw, Cap - Hex Head (M5 x .5 x 16mm)
6	NFS		Lever	16	185-2167	1	Washer, Lock - Spring (M5)
7	NFS		Follower, Cam	17	185-2173	1	Holder, Lever - Governor
8	NFS		Plug	18	185-2392	2	Bolt, Hex
							Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 28mm)

NOTE: See introduction for governor style identification.

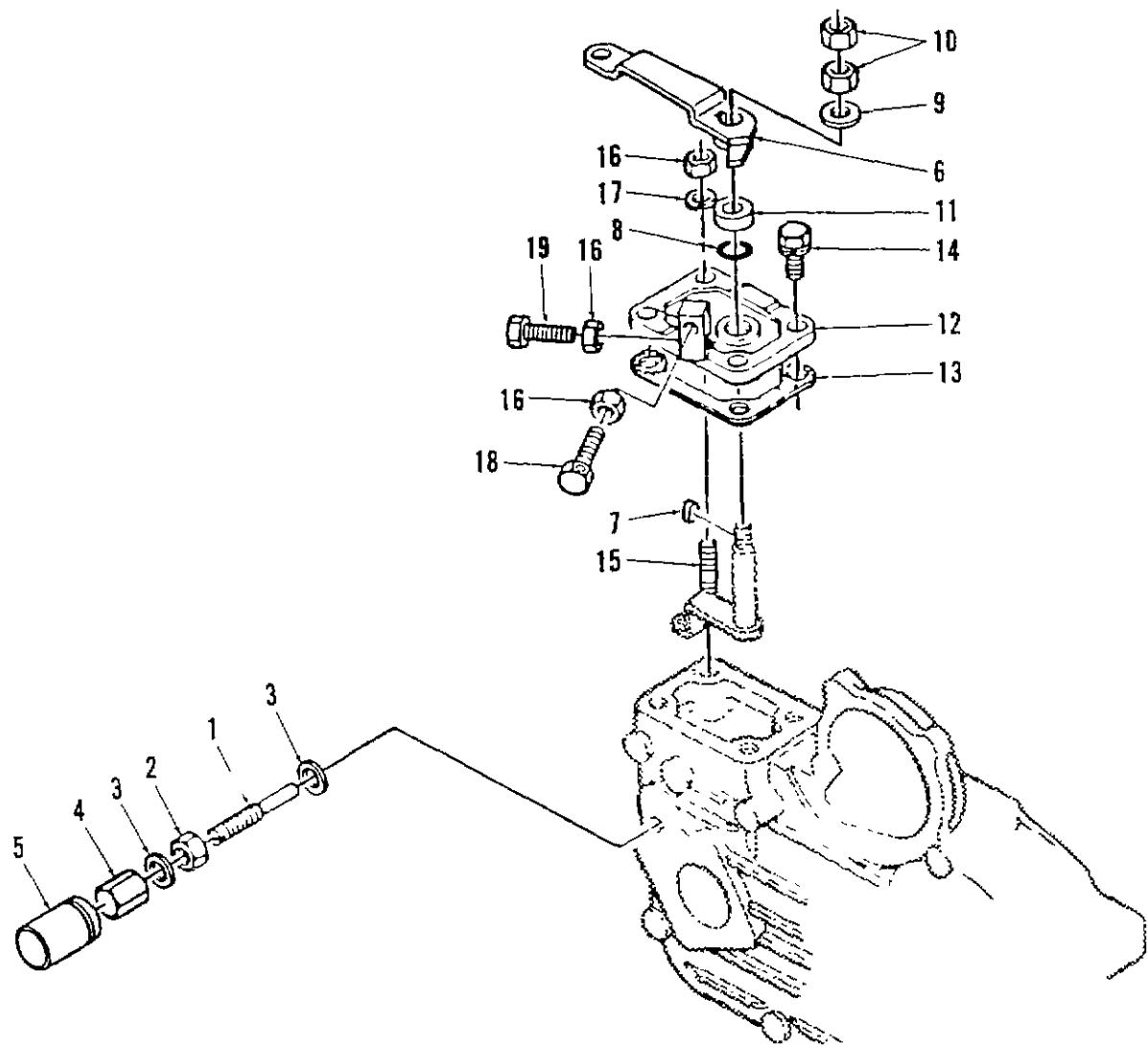
Slop Assembly



REF. NO.	PART NO.	QTY USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0181	2	Screw, Tapping - Hex Head (#10-32 x 1/2")	20	185-2462	1	Lever, Stop (Includes Parts Marked *)
2	115-0025	1	Nut, Hex (1/4-28 UNF)	21	185-2257	1	*cover
3	150-1991-02	1	Bracket, stop Lever	22	NFS		*Shaft
4	150-1995	1	Ball Joint (1/4-28 UNF)	23	NFS		*Lever
5	520-0939	1	Stud (1/4-28 x 1-1/2" LG)	24	105-2347	1	*O-Ring
6	150-1733	1	Ball Joint (1/4-28 UNF)	25	185-2461	1	Seal, Oil
7	813-0102	2	Screw, Machine - Round Head (#10-32 x 5/8")	26	185-2351	1	*Pin, Spring
8	870-0131	2	Nut, Hex with ET Lockwasher (#10-32)	27	165-2342	1	Belt., Hex
		2	Washer, Lock - EIT (#10)	28	750-1004	1	Nut, Hex (M6 x 1)
10	886-0506	1	Solenoid, Electric (12 VDC)	29	135-2114	1	Gasket
11	x0-1992	1	Bracket, Solenoid Mounting	30	185-2389	4	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 18mm)
12			Control, Idle - Governor	31	185-2400	4	Screw, Cap - Hex Head with Lockwasher (M8 x 1.25 x 18mm)
		1	Style I	32	165-2126	1	cover
	185-2432	1	Style II	33	185-2120	1	Gasket
14		1	Adjuster, Idle - Governor	34	BOO-2057	2	Screw, Hex Head (M8 x 1.25 x 20mm)
m-2259	185-2433	1	Style I	35	855-0008	1	Washer, Lock - External Internal Tooth (M8)
		1	Style II	36	850-2008	1	Washer, Lock
		1	Nut, Hex				
16	185-2182	1	Cap Nut				
18	185-2338	2	Seal, Oil				
19	185-2161	1	Cap				

* - Parts Included in Stop Lever Assembly

Speed Control Assembly

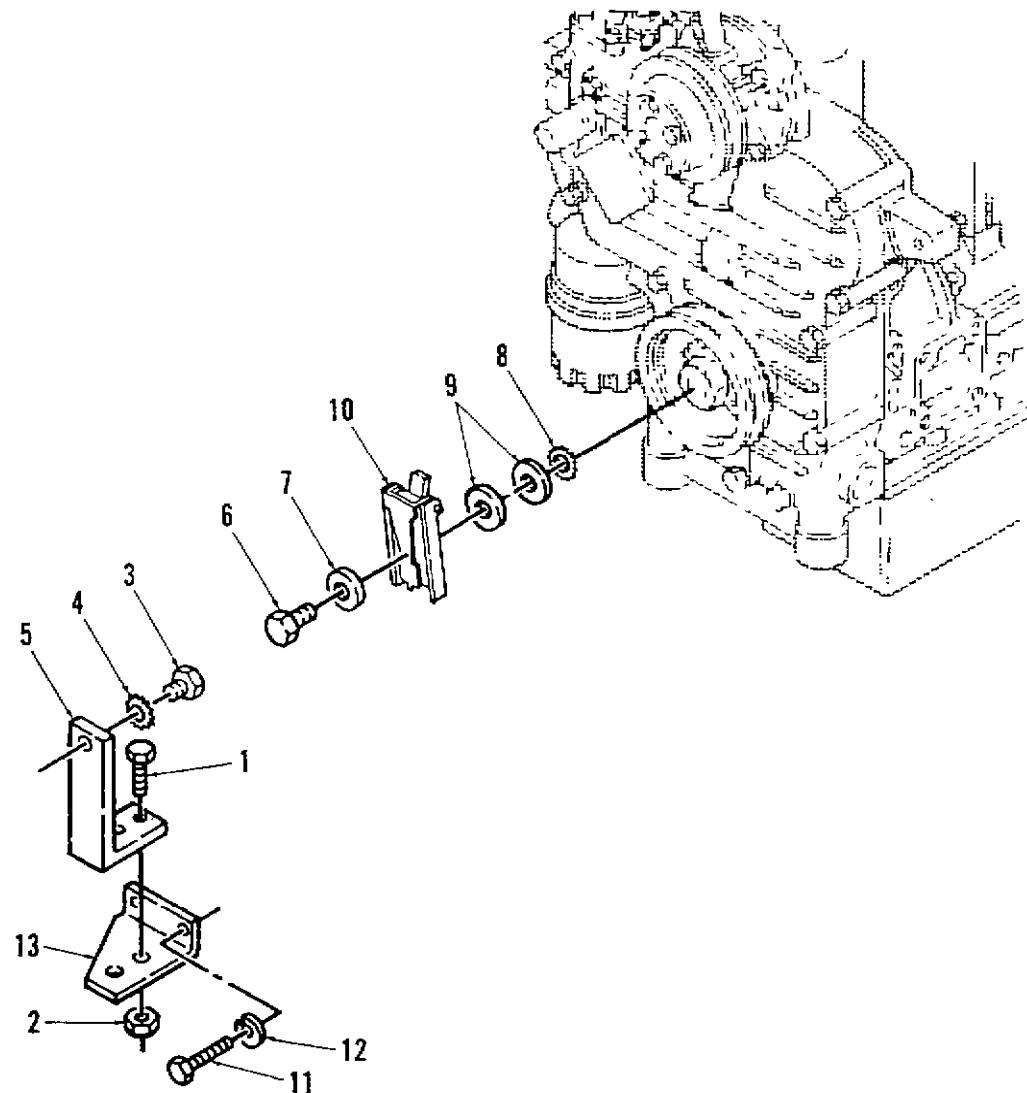


FS-1559

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1 185-2260	Screw, Adjusting Style I	1	10 185-2364	2	Nut, Hex (M6 x 1)		
185-2438	Style II	1	11 185-2169	1	Bearing, Sleeve		
2 185-2248	Nut, Hex	1	12 185-2263	1	Housing, Control - Speed		
3 185-2284	Seal, Oil	3	13 185-2168	1	Gasket		
4 185-2282	cap Nut	1	14 185-2390	3	screw, Cap - Hex Head with Lockwasher (M6 x 1 x 20mm)		
5 185-2283	Cap	1	15 185-2105	1	Stud		
6 185-2264	Lever, control - Speed	1	16 750-1004	3	Nut, Hex (M6 x 1)		
7 185-2187	Key	1	17 185-2380	1	Washer, Lock - Spring (M6)		
8 185-2373	O-Ring	1	18 815-0649	1	Bolt, Hex - Lever Stop		
9 185-2376	Washer, Flat (M6)	1	19 185-2439	1	Bolt, Hex - Lever stop		

NOTE: See Introduction for governor style identification.

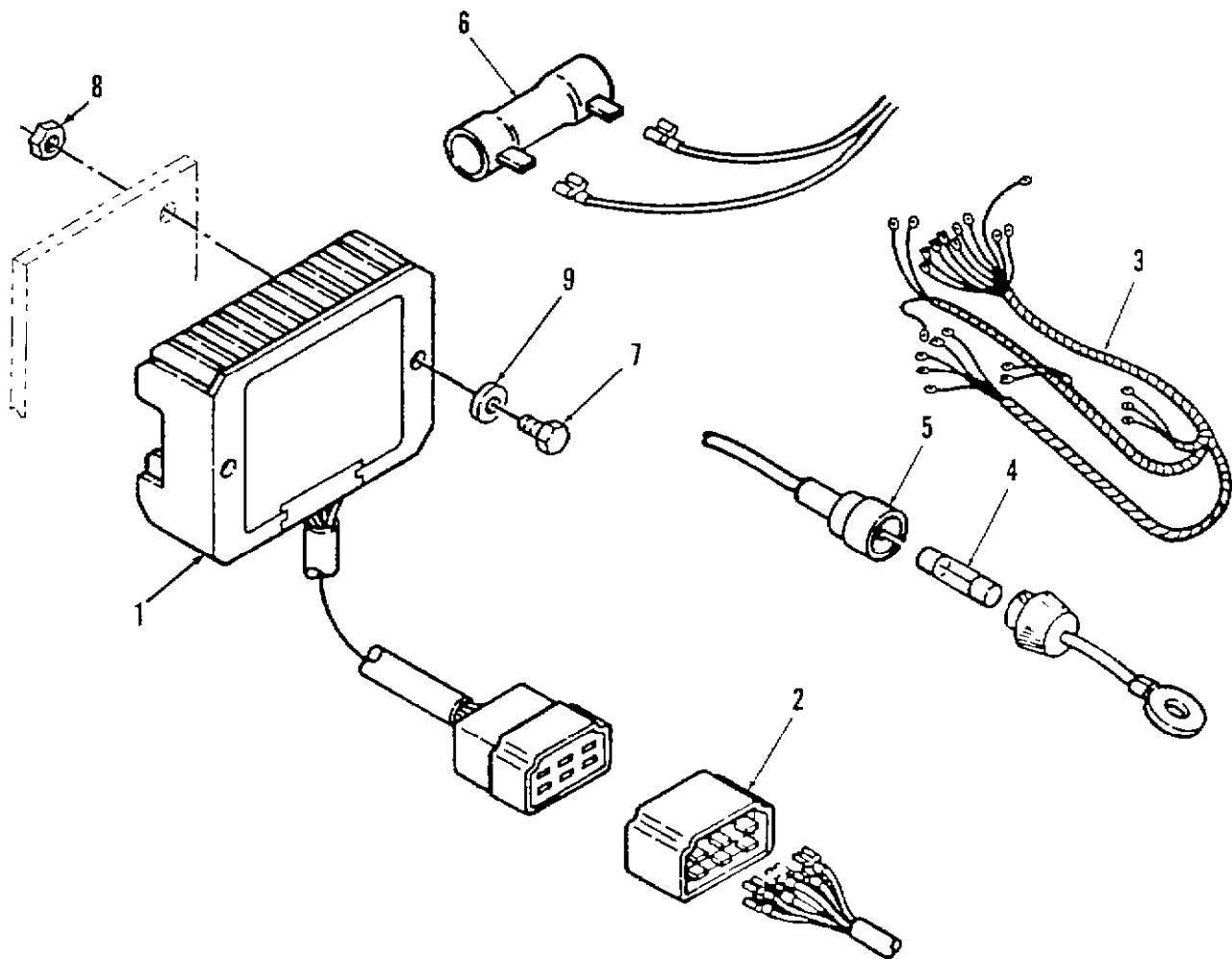
Overspeed Switch



ES-1472

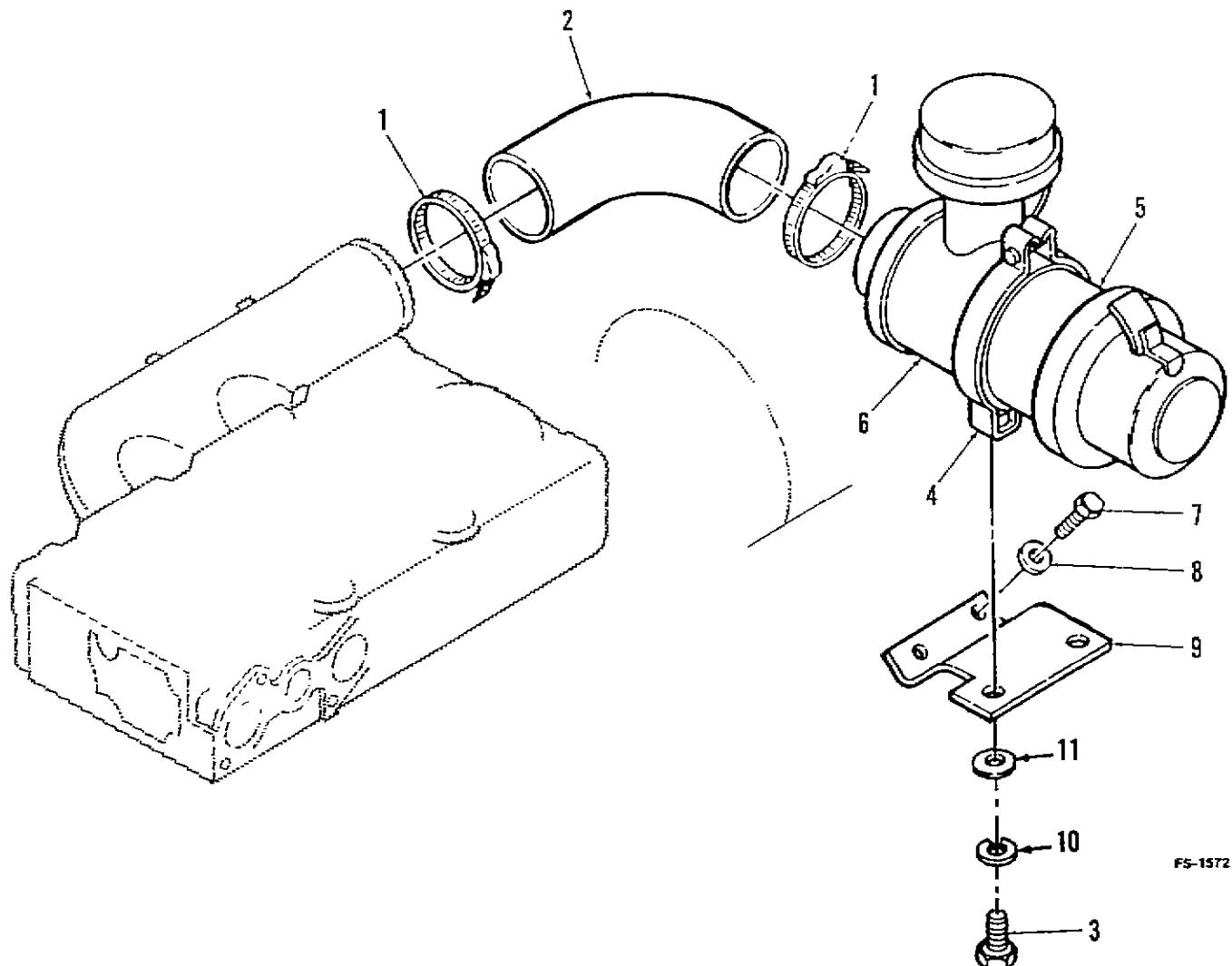
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0015	2	Screw, Self-locking - Hex Washer Head (1/4-20 x 3/4")	7	850-2008	1	Washer, Lock - Spring (M8)
2	870-0212	2	Nut, Self-locking - Hex Washer Head (1/4-20)	8	856-0008	1	Washer, Lock - ET (5/16")
3	150-2011	1	Point, Contact - Electrical (1/4-20 x 3/8")	9	526-0113	2	Washer, Flat (5/16")
4	853-0013	1	Washer, Lock - ET (1/4")	10	150-0717	1	Switch, Overspeed
5	150-2009	1	Bracket, Support - Overspeed Contact (Nonmetallic)	11	800-2044	2	Screw, Cap - Hex Head (M6 x 1.0 x 70mm)
6	800-2057	1	Screw, Cap - Hex Head (M8 x 1.25 x 20mm)	12	850-2006	2	Washer, Lock - Spring (M6)
				13	150-2010	1	Bracket, Support - Overspeed Switch

Voltage Regulator & Wiring Harness



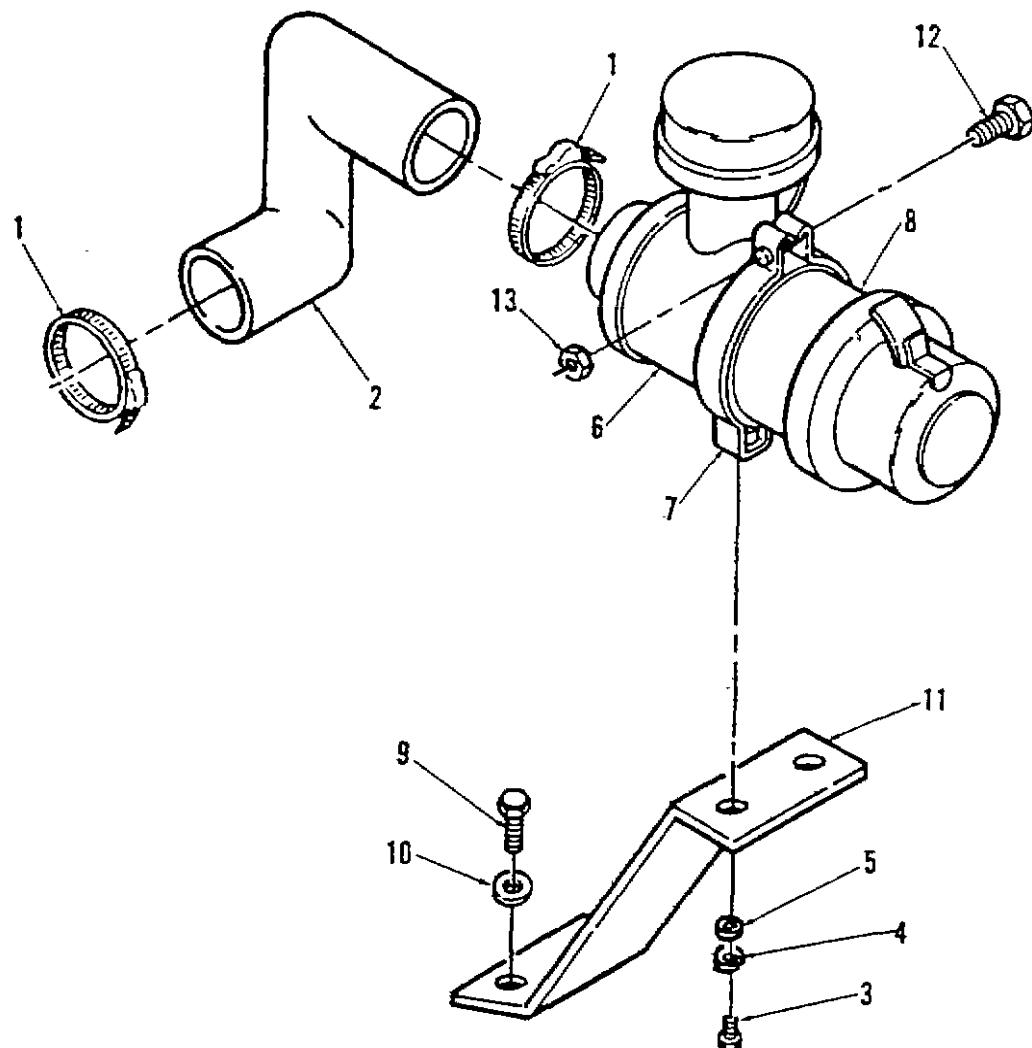
REF No.	PART ND.	QTY USED	PART DESCRIPTION	REF NO.	PART ND.	QTY USED	PART DESCRIPTION
1	185-2252 815-0236	1	Regulator, Voltage (12 VDC)	4	321-0113	1	Fuse, Cartridge (30 Amp, 32 VDC, Sio Blc)
		4	Screw, Tapping - Hex Head (5/16-18 x 5/8")	5	321-0267	1	Holder, Fuse
2	185-2424 325-1297	1	Adaptor, Electrical Connector Spec A-C Spec D (Shipped loose by Kubota)	6	304-0776	1	Resistor, Fixed, wirewound (R1) 5 Ohm, 10 Watt (Part of Engine to Control Wiring Harness)
3	338-1762	1	Harness, Wiring to Engine to Control Manual (Spec A-C) Remote (Spec A-C)	7	815-0544	2	Screw, Round Head Machine - Cross-Recessed with Internal Teeth (#6-32 x 1/2)
	338-1825-01	1	Without Overspeed Switch	8	860-1005	2	Nut, Self-Locking (6-32)
	338-1825-01	1	With Overspeed Switch	9	526-1002	2	Washer, Flat (Y6)
	338-2822	1	Spec D (8.0DKD RV)				

Air Cleaner
(Spec A)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0365	2	Clamp, Hose	8	526-0018	2	Washer, Flat (17/64" ID X 5/8" OD x 1/16" Thk)
2	503-1316	1	Hose, Elbow - Preformed	9	140-1902	1	Bracket, Mounting Air Cleaner
3	800-2056	2	Screw, Cap - Hex Head (M8 X 1.25 X 16mm)	10	850-2008	2	Washer, Lock (MB)
4	185-2199	1	Band, Mounting - AirCleaner	11	526-2100	2	Washer, Flat (M8)
5	185-2201	1	Cushion				
6	185-2206	1	Cleaner Assembly, Air [See Separate Page for Components]				
7	815-0315	2	Screw, Tapping - Hex Washer Head (1/4-20 x 1/2") or USE -				
	821-0010	2	Screw, Self-locking - Hex Washer Head (1/4-20 x 1/2")				

Air Cleaner
(Begin Spec B)

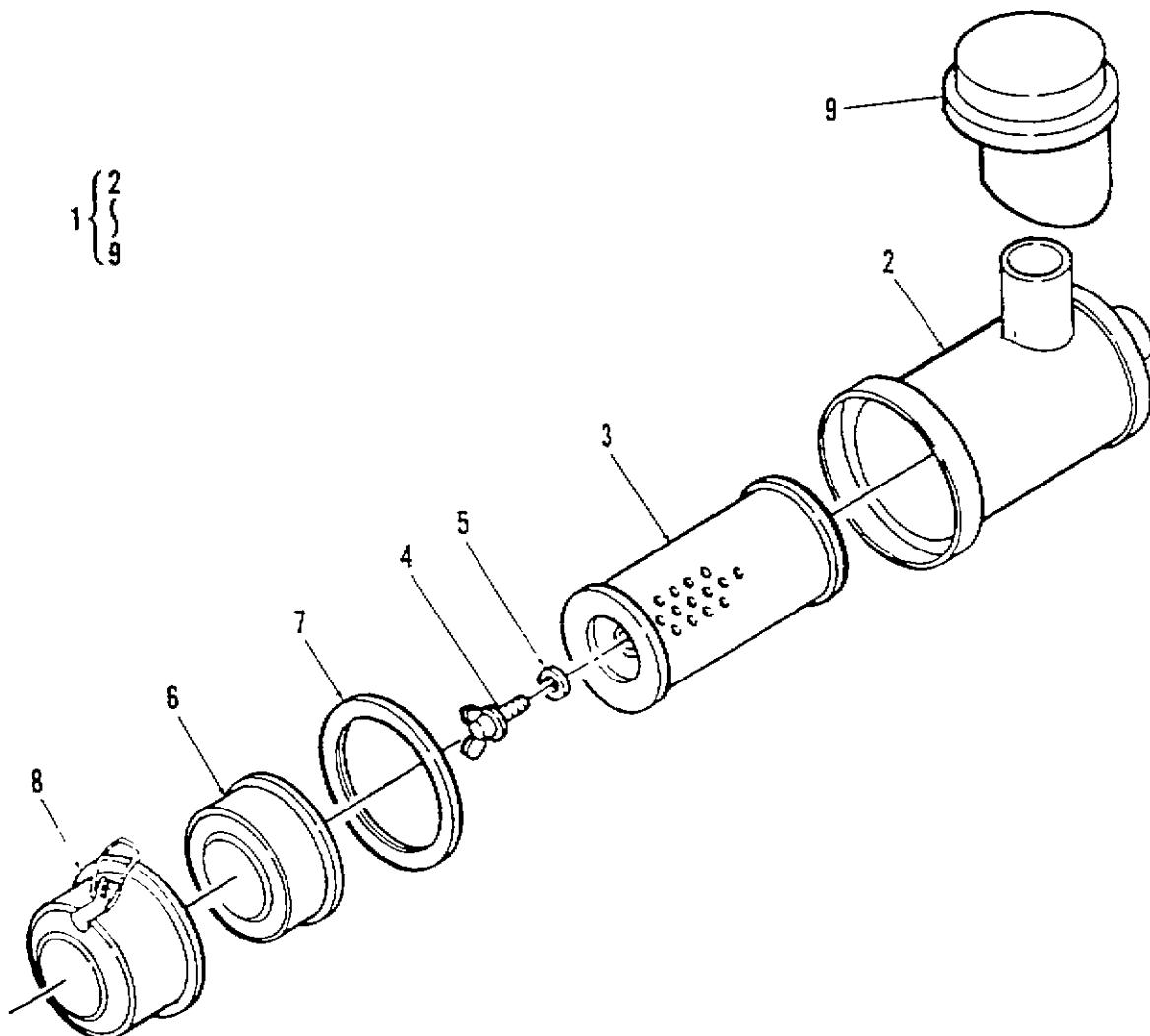


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF No.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0365	2	Hose	9	815-0261	1	*Screw, on Hex Head - Self Tapping
②	800-2056	2	Clampw/HolexCleated Cap	10	140-2042	2	*Washer, Flat (1/4)
4	850-2008	2	Washer 1 1/4 X (M8)	12	821-0012	1	*Bracket, Mounting Air Cleaner
5	526-2100	2	Washer, Flat (M8)			1	Screw, Hex Head Self Lock (1/4-20 X
6	185-2206	1	Cleaner, Air (See Separate Page for Components)	13	870-0212	1	Nut, Hex Head 1-1/8) Self Lock (1/4-20)
7	185-2199	1	Band, Cleaner - Air				

→ use 503-1818 for specs 11304, 40216 and 54503.

* Parts not used on Specs 11304, 40216, 54503

Air Cleaner - Components



FS-1575

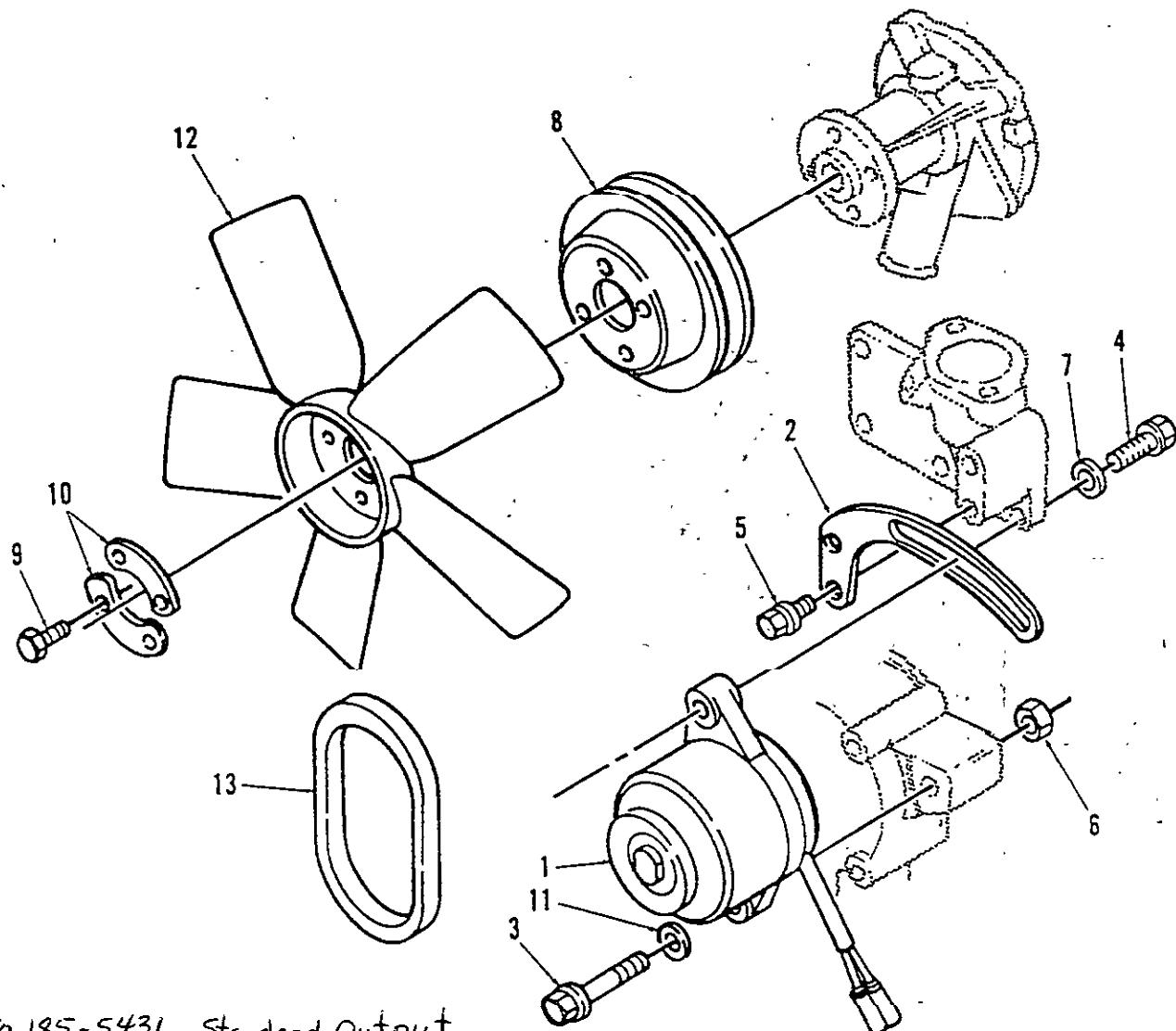
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2206	1	Cleaner Assembly, Air	a	185-2091	1	Baffle
2	NFS		Housing, Air Cleaner	7	185-2089	1	Gasket
3	185-2090	1	Element, Filter - Air Cleaner	a	185-2121	1	Cover
4	185-2108	1	Bolt, Wing	9	185-2122	1	Hood, Air Inlet
5	185-2110		Gasket				

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Alternator



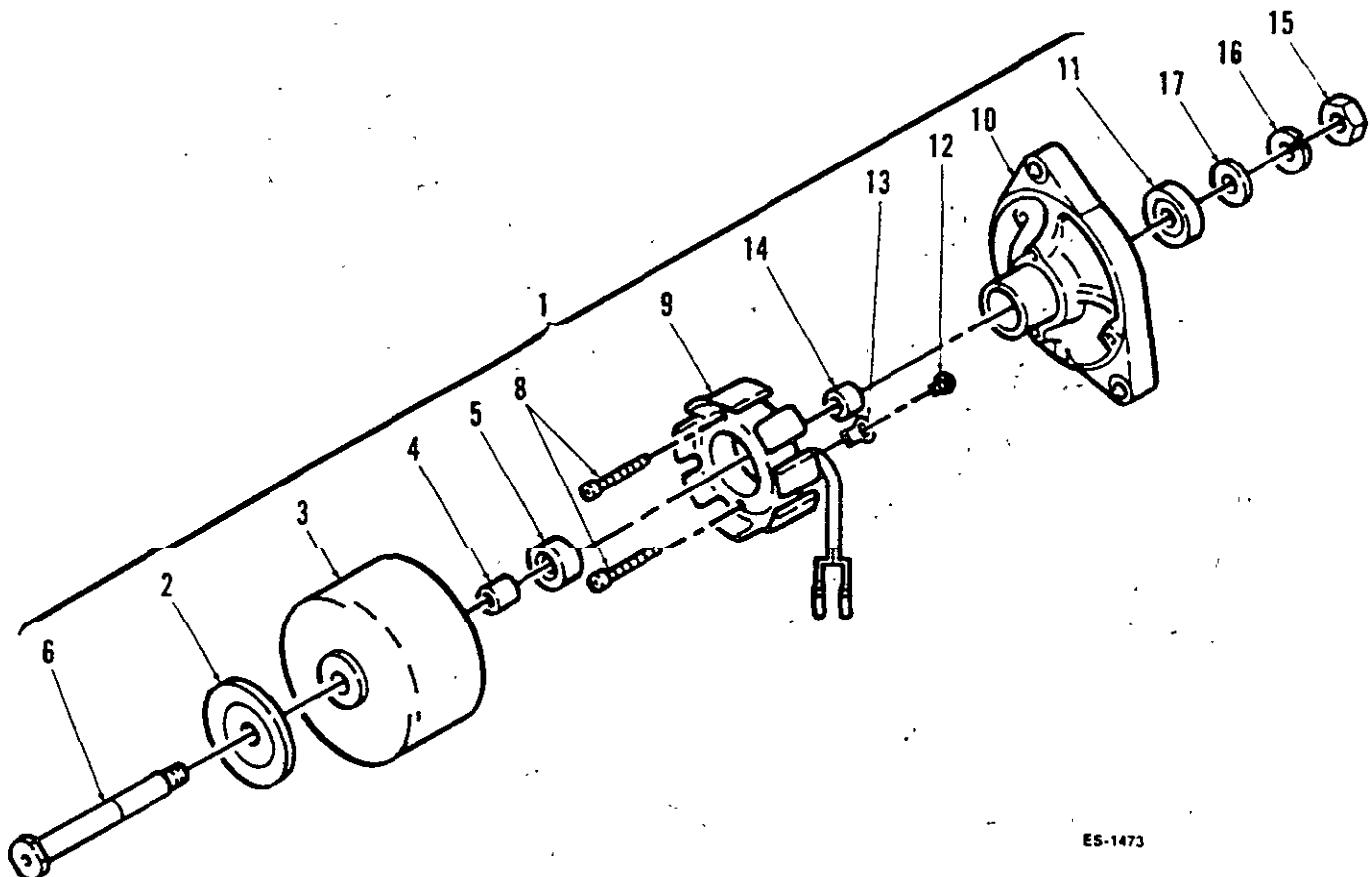
SPS to 185-5431 Standard Output

or use
185-5441 Hi-Output

ES-1503

REF No.	PART No.	QTY USED	PART DESCRIPTION	REF No.	PART No.	QTY USED	PART DESCRIPTION
1	185-2266	1	Alternator (12 VDC) (See separate Page for Components)	8	165-2247	1	Pulley
2	185-2273	1	Bracket. Adjusting	9	718-1018	4	Screw. Cap - Hex Head (M6 x 10mm)
3	185-2405	1	Screw. Cap - Hex Head with Lockwasher (M8 x 1.25 x 60mm)	10	185-2346	2	Locking Plate - Bolt/Nut
4	185-2403	1	Screw. Cap - Hex Head with Lockwasher (M8 x 1.25 x 25mm)	11	165-2378	1	Washer, Flat (M8)
5	165-2366	1	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 16mm)	12	130-2475	1	Fan
6	750-1006	1	Nut, Hex (M8 x 1.25)	130-4159	1	Pusher (4 Blade) (Spec A-C)	
1	185-2377	1	Washer, Flat (M8)	130-2725	1	Pusher (6 Blade) (Spec D)	
				130-4121	1	Suction (Spec A-C)	
				13	165-2275	1	Suction (Spec D)
							Belt. Drive

Alternator - Components



ES-1473

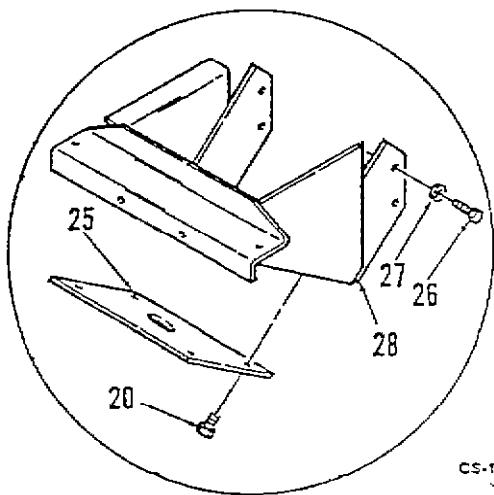
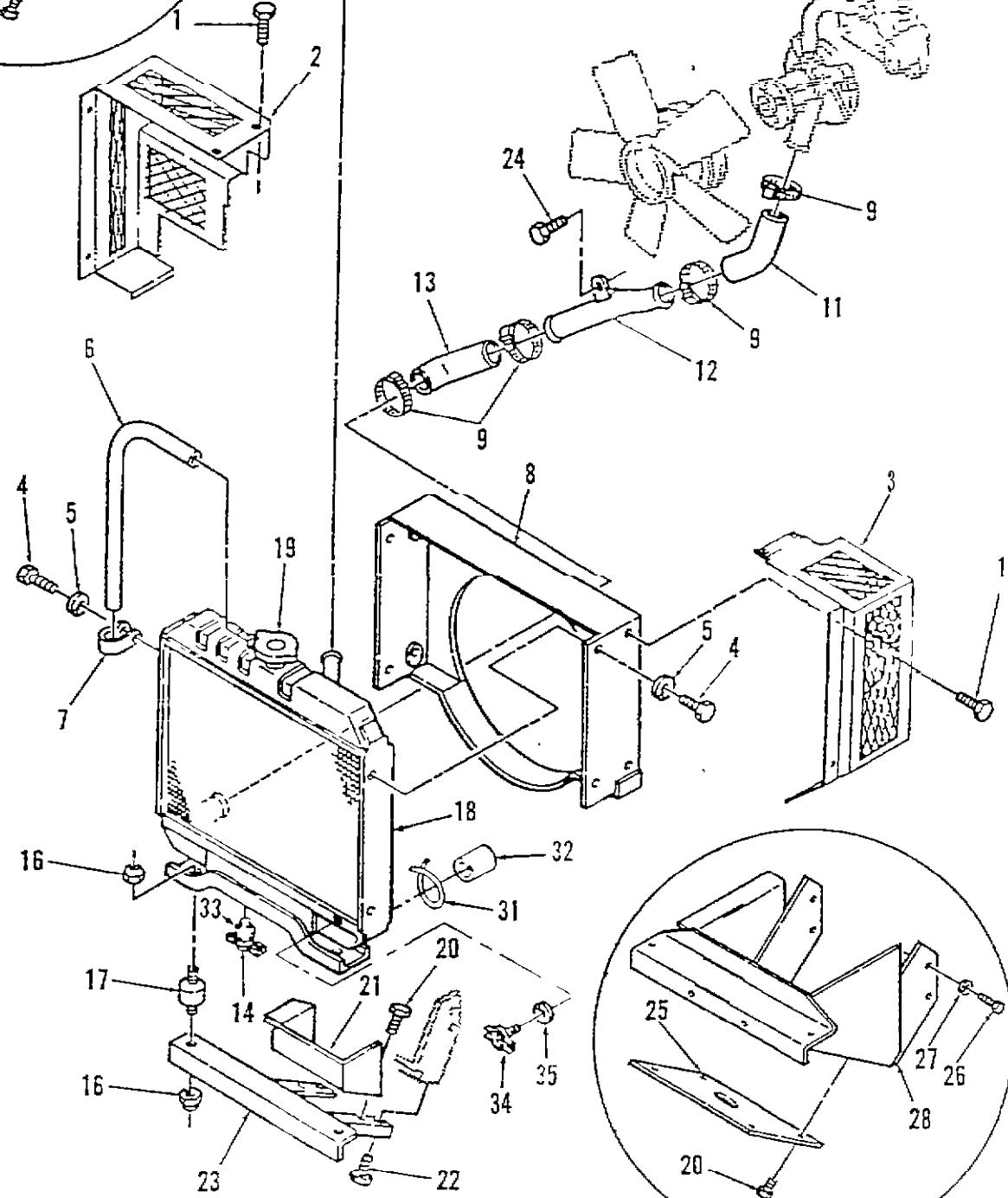
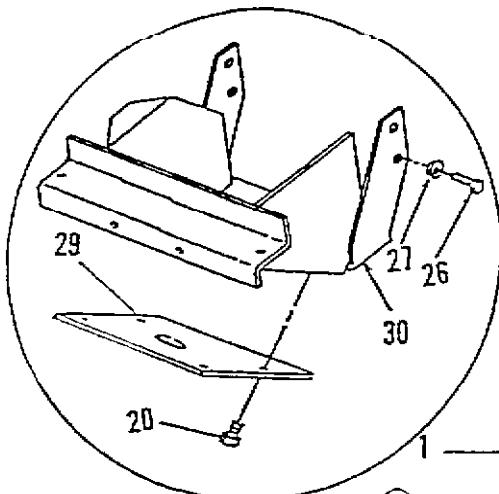
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART. NO.	QTY USED	PART DESCRIPTION
1	165-2266	1	Alternator (12 VOC)	10	165-2268	1	Housing, Alternator
2	165-2269	1	Pulley	11	165-2246	1	Bearing, Ball
3	185-2267	1	Rotor	12	165-2249	1	Screw, Machine - Round Head -
4	185-2270	1	spacer, Sleeve	13	185-2271	1	Cross-Recessed Drive, with
5	165-2246	1	Bearing, Ball	14	165-2171	1	Lockwasher
6	165-2245	1	Shaft, Rotor	15	165-2161	1	Clamp, Electrical Cord
8	185-2183	2	screw, Machine - Round Head, Cross-Recessed Drive, with Lockwasher	16	185-2186	1	spacer, Sleeve
9	185-2272	1	Stator	17	185-2185	1	Nut, Hex
							Washer, Lock - Spring
							Washer, Flat

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**Cooling System
(Spec A-C)**
(And Spec E, Voltage Codes FB, FP, FZ)



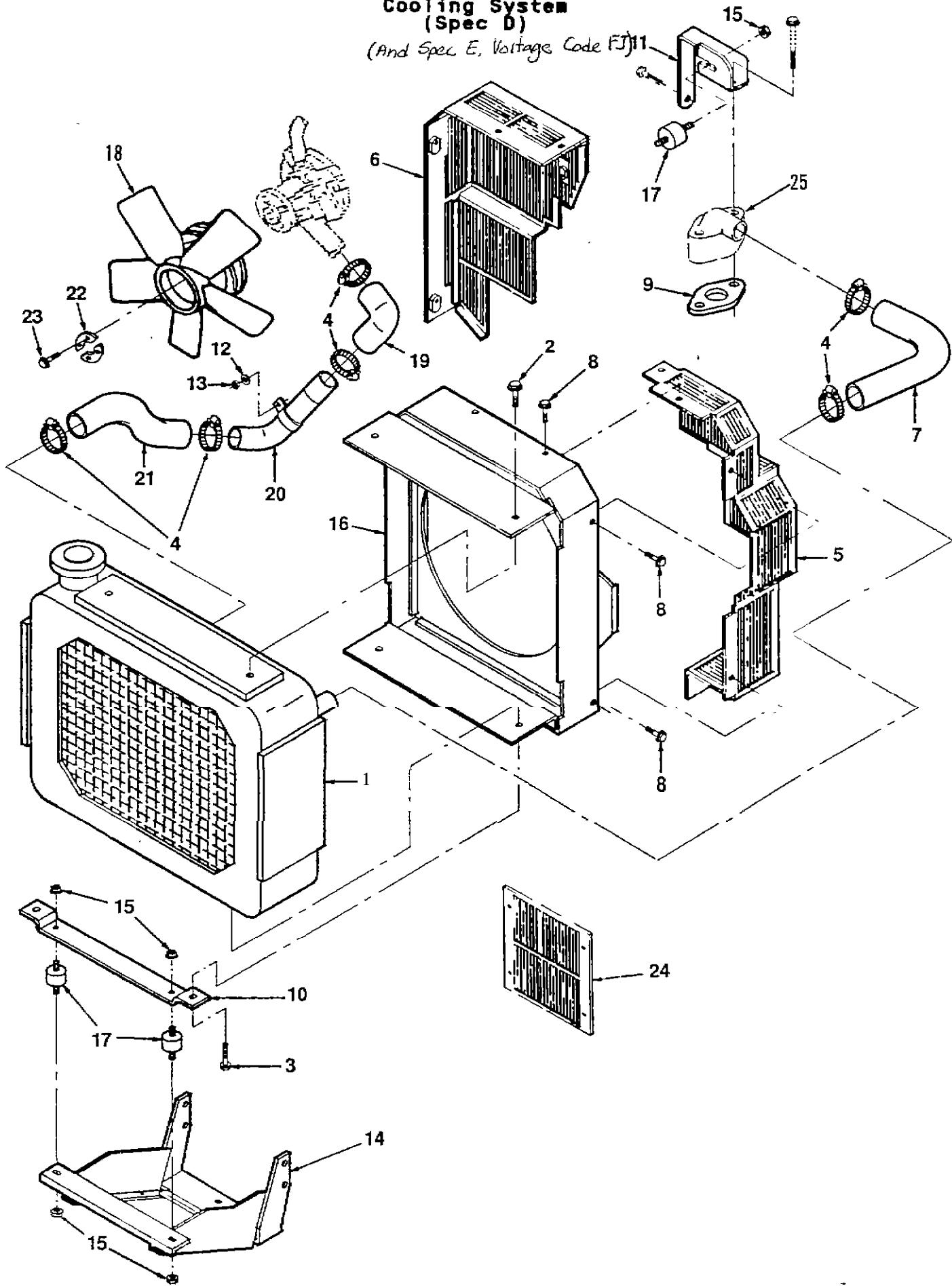
CS-1257

Cooling System
(Spec A-C)
 (And Spec E, Voltage Codes FB, FP, FZ)

REF No.	PART NO.	QTY USED	PART DESCRIPTION	REF No.	PART No.	QTY USED	PART DESCRIPTION
1	821-0009	6	Screw, Self-locking - Hex Washer Head (1/4-20 x 3/8")	22	821-0029	2	Screw, Self-locking - Hex Washer Head (3/8-16 x 3/4")
2	130-2506	1	Guard, Belt (Left Side)	23	130-2350	1	(Used Through February 1984)
3	130-2511	1	Guard, Belt (Right Side)	24	718-1017	1	Bracket, Radiator
4	800-2027	4	Screw, Cap - Hex Head (M6 x 1 x 10mm)	25	130-2550	1	(Used Through February 1984)
5	850-2006	4	Washer, Lock - Spring (M6)	26	815-0585	4	Screw, Cap - Hex Head
6	185-2421	1	Hose, Rubber - Overflow	27	850-2010	4	(M6 x 1.0 x 10mm) (Used Through February 1984)
7	332-2650	1	Clamp, Loop	28	130-2549	1	Guard, Belt (Used Through March 1984)
8	130-2515	1	Shroud, Fan	29	130-3231	1	Screw, Cap - Hex Head
9	503-0189	6	Clamp, Hose	30	130-3230	1	(M10 x 1.25 x 20mm) (Used Beginning March 1984)
10	185-2256	1	Hose, Radiator - Preformed	31	503-1319	1	Washer, Lock - Spring (M10)
11	185-2278	1	Hose, Rubber - Preformed	32	185-2419	1	(Used Beginning March 1984)
12	185-2277	1	Tube, Water	33	502-0029-01	1	Bracket, Radiator
13	165-2276	1	Hose, Rubber - Preformed	34	165-2476	1	(Used Beginning March 1984)
14	504-0005	1	Cock, Drain (3/8 NPT) (Old Style - Thru 1984)	35	185-5464	1	Guard, Belt (Used Beginning Spec C)
16	870-0212	4	Nut, Self-locking - Hex Washer Head (1/4-20)				Bracket, Radiator
17	402-0581	2	Mount, Vibration				(Used Beginning Spec C)
18	m-2255	1	Radiator (Includes Cap)				Clamp, Hose
	165-2274	1	Old Style (Thru 1984)				Plug, Radiator
19	185-2193	1	New Style (Begin 1985)				Bushing Reducer (Old Style) (Thru 1985)
20	815-0389	4	Cap, Radiator				Valve, Drain - Rad (New Style) (Begin 1985)
	821-0009	4	Screw, Tapping - Hex Washer Head (1/4-20 x 3/8") or use				Gasket, Valve - Drain
21	130-2501	1	Screw, Self-locking - Hex Washer Head (1/4-20 x 3/8")				
			Guard, Belt (Used Through February 1984)				

**Cooling System
(Spec D)**

(And Spec E, Voltage Code FJ)



Cooling System
(Spec D)
(And Spec E, Voltage Code FJ)

REF NO.	PART ND.	QTY USED	PART DESCRIPTION	REF NO.	PART ND.	QTY USED	PART DESCRIPTION
1 130-4123	1	Radiator		13 130-2920	1	*Nut, Water Pipe 2	
2 821-0028	2	Screw, Self-Locking - Hex		14 130-4160	1	Bracket, Mounting - Radiator	
		Washer Head		15 870-0212	5	Nut, Self-Locking - Hex	
		(3/8-16 UNC x 1/2")		16 130-4161	1	Washer Head (1/4-20)	
3 800-2016	4	Screw, Self-Locking - Hex		17 402-0508	3	Shroud, Fan	
		Washer Head		18	1	Isolator, Vibration	
4 503-0189	6	Clap, Hose		19 130-2486	1	*Fan	
5 130-4170	1	Guard, Belt (Right Side)		20 130-2485	1	*Pipe, Water 3	
6 130-4162	1	Guard, Belt (Left Side)		21 503-1862	1	*Pipe, Water 2	
7 503-1861	1	Hose, Radiator - Upper		22	2	Hose; Radiator - L&r	
8 821-0009	3	Screw, Self-Locking - Hex		23	4	*Washer, Fan	
		Washer Head (1/4-20 x 3/8")		24 130-4147	1	*Bolt, Fan	
9 185-2238	1	*Gasket, Thermostat		25 MS-2312	1	Plate, Guard - Fan	
10 130-4166	1	Support, Radiator				Housing, Thermostat (90°)	
11 130-4173	1	Bracket, Mounting - Radiator					
12 130-2922	1	*Washer, Water Pipe 2					

* - Parts shipped loose from Kubota.

→ 130-4123 Fill Tube Points Up. (All specs not listed below).

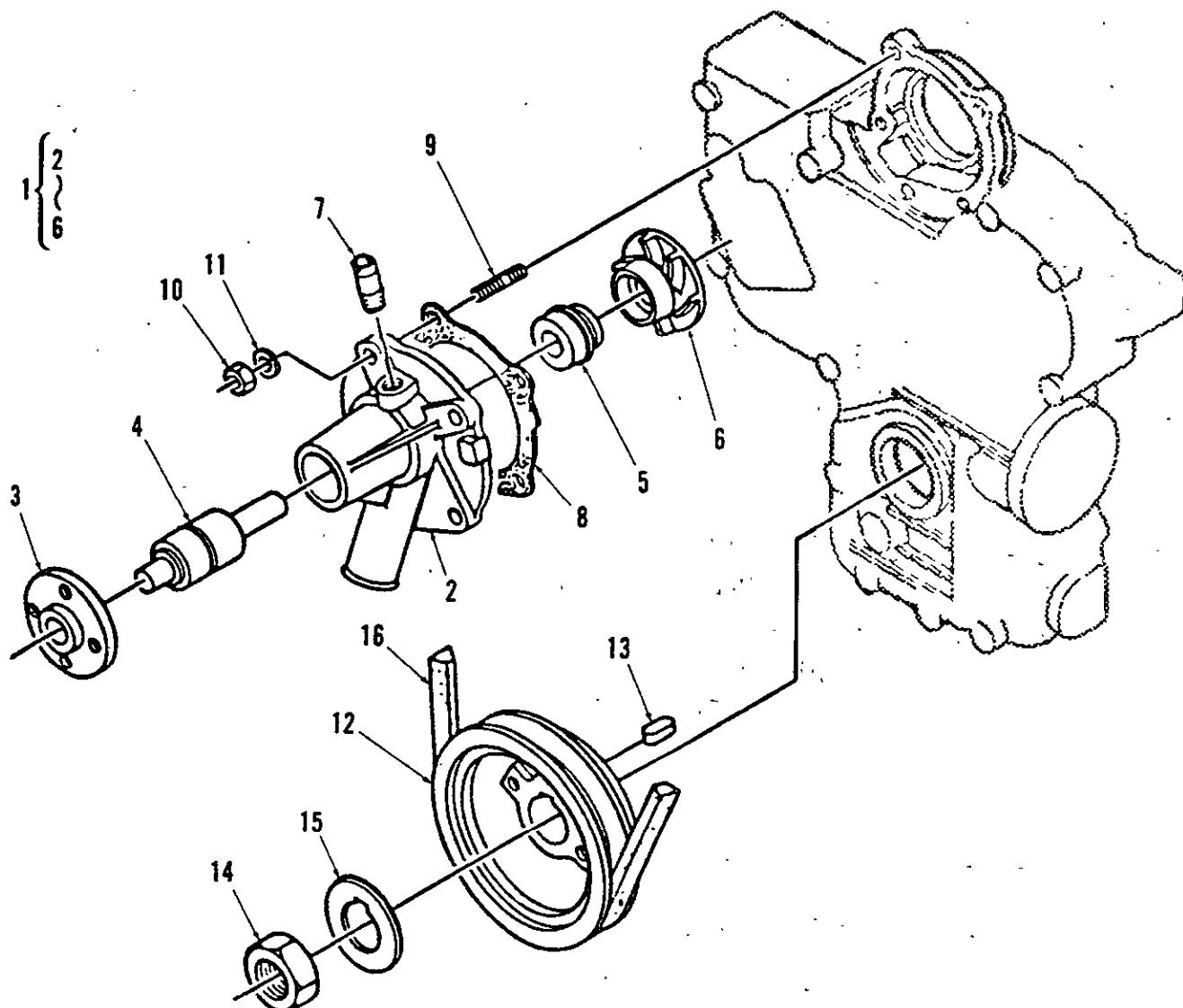
130-4158 Fill Tube Angles Out (specs 11303, 11310, 56905, 58833)

130-4305 Fill Tube Comes Forward then
angles in, or to the right.
(specs 11343, 11369, 66044)

↓
130-4160 Used on all specs not listed below.

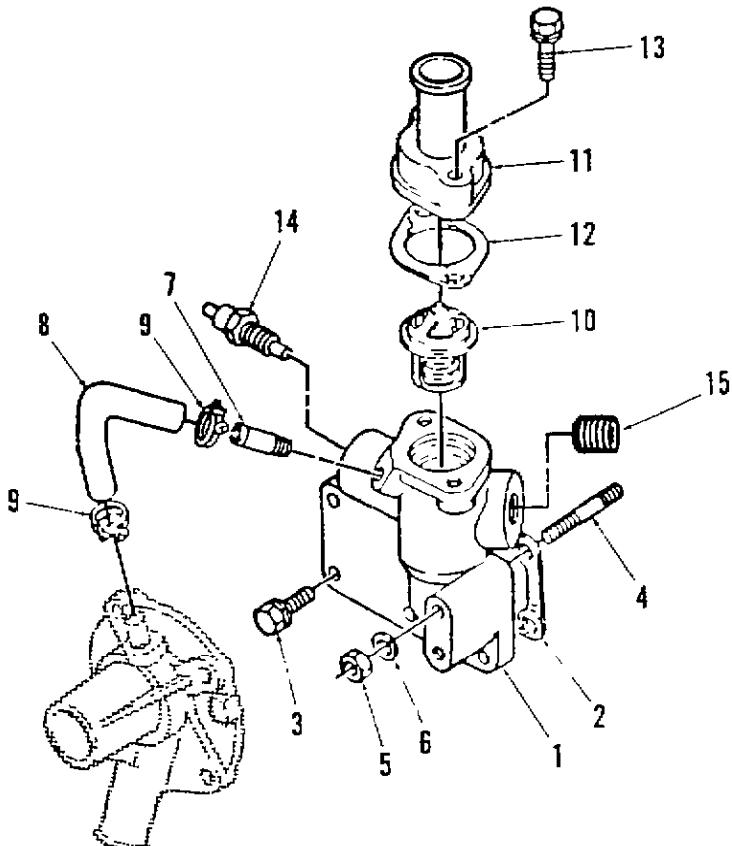
130-4445 Used on specs 11343, 11344, 11440, 11455

Water Pump



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2236	1	Pump, water	9	185-2363	4	Stud
2	NFS	1	Housing, Pump	10	750-1004	4	Nut, Hex (M6 X 1)
3	185-2243	1	Flange, Pump Shaft	11	185-2380	4	Washer, Lock + Spring (M6)
4	185-2244	1	Shaft with Bearing	12	185-2251	1	Pulley
5	185-2237	1	Seal	13	185-2353	1	Key
6	185-2242	1	Impeller	14	185-2088	1	Nut, Hex
7	185-2239	1	Adapter, Hose	15	185-2207	1	Washer, Flat + Keyed
8	165-2241	1	Gasket	16	185-2275	1	Belt, Drive

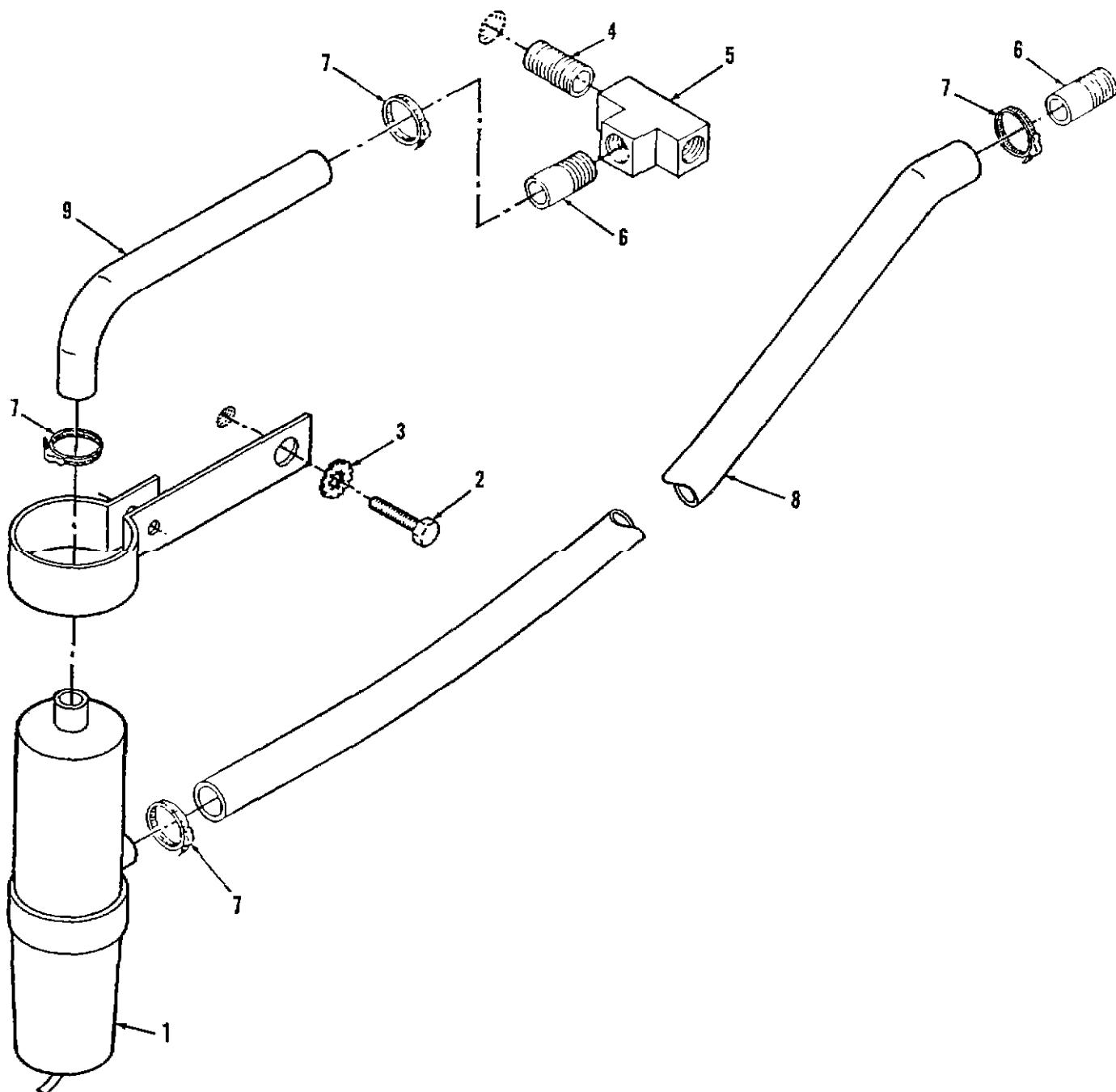
**Cooling System -
Thermostat & Housing**



CS-1259

REF ND.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-2311	1	Housing, Thermostat	10	185-2235	1	Thermostat
2	185-2175	1	Gasket	11	185-2423	1	Cover, Thermostat
3	185-2388	5	Screw, Cap - Hex Head with Lockwasher (M6 x 1 x 16mm)	12	185-2238	1	Gasket
4	185-2360	1	Stud	13	185-2393	2	Screw, Cap - Hex Head with Lockwasher (MS x 1 x 35mm)
5	750-1004	1	Nut, Hex (MS x 1)	14	309-0513	1	Switch, Thermostatic " High Engine Temperature Shutdown (S2)
6	185-2380	1	washer, Lock - Spring (M6)				
1	185-2239	1	Adapter, Hose	15	505-0266	1	Plug, Pipe - square Socket Drive
8	185-2300	1	Hose, Rubber - Preformed				
9	185-2240	2	Clamp, Hose				

Engine Heater



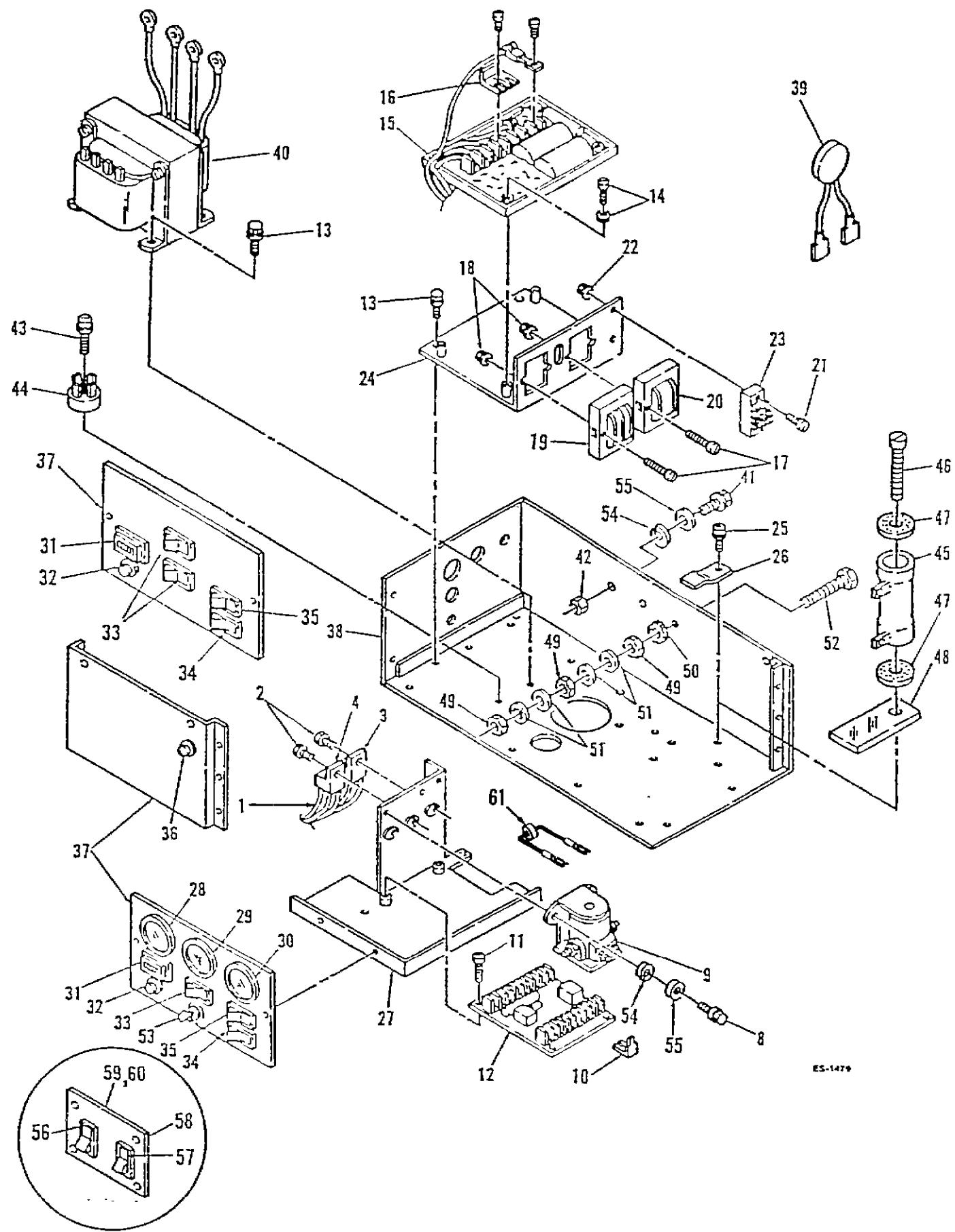
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	333-0406-01	1	Heater, Engine (Mod)	5	505-0060	1	Tee, Pipe
2	815-0586	1	SCM#0. xcl-1/4 Hex16 Head	7	503-0183	2	Nipple, Pipe - Half
3	856-00010	1	Washée, Ripple - EIT (M10)	8	503-0261	4	Clamp, (X10)
						1	Hose, Heater (28" Lg) Hose, water (8.5" Lg)

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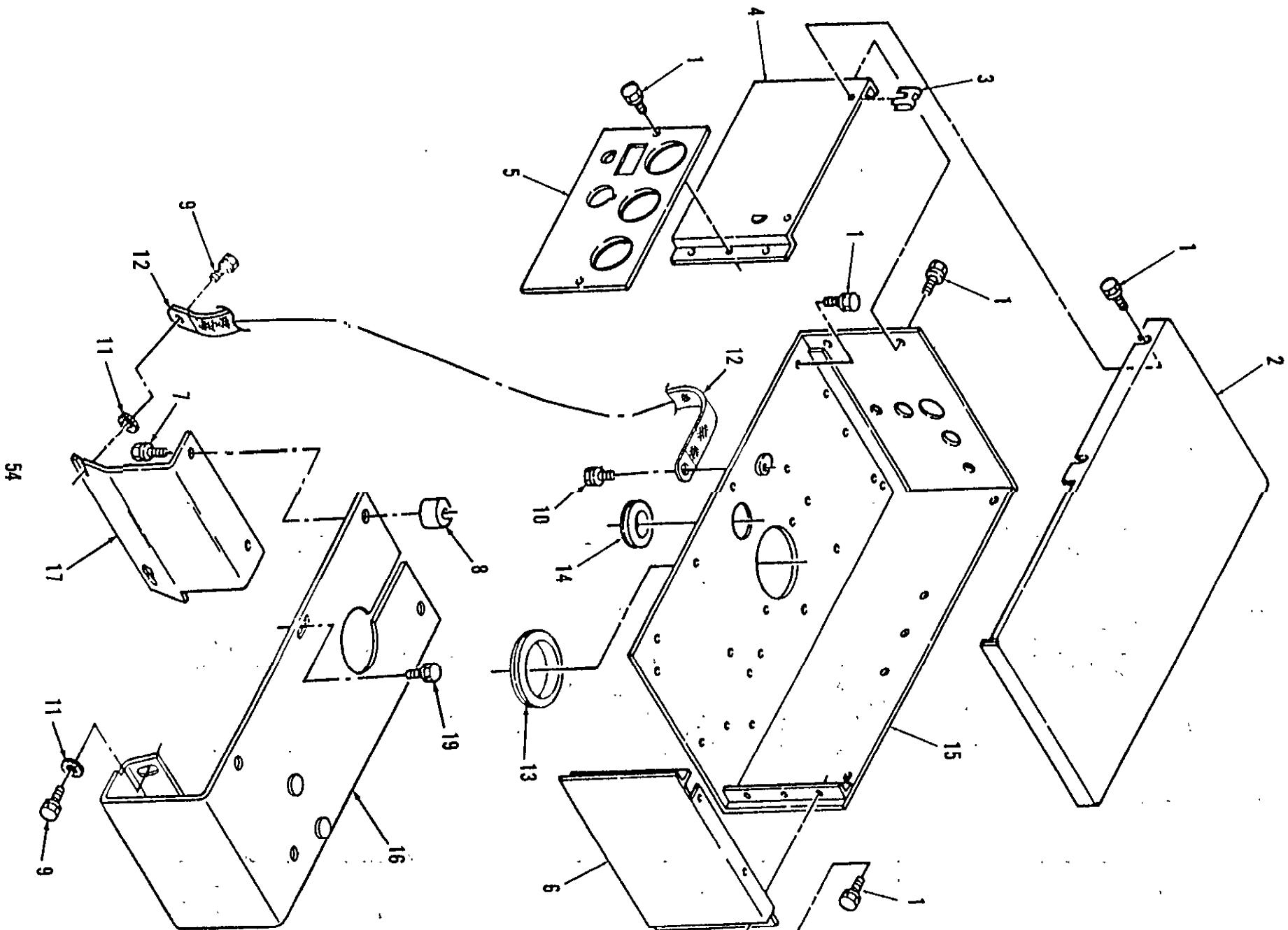
Control



Control

REF ND.	PART ND.	QTY USED	PART DESCRIPTION	REF ND.	PART ND.	QTY USED	PART DESCRIPTION
1			Harness, Wiring - Control (Includes K13, K14 Relays)	35	308-0739	1	Switch, Rocker - Start/Stop (S11)
	338-1760	1	Spec A-C	36	320-1121	1	Breaker, Circuit - 3 Amp, 250 VAC (CB21)
	338-1920-01	1	Spec A-C (Mobile Applications)				Panel (See Control Box
	338-2856	1	Spec D	31			Assembly Figure for Identification)
2	821-0004	2	Screw, Self-locking - Hex Washer Head (#10-32 x 5/16")				Box, Control (See Control Box
3	307-1886	1	Relay, Heater (12V) (K13)	38			Assembly Figure for Identification)
4	307-1886	1	Relay, Solenoid - Fuel (K14)				Suppressor, Voltage (RV21) - Single Phase Sets
8	821-0003	2	Screw, Self-locking - Hex Washer Head (1/4-20 x 1/2")	39	305-0703	1	Transformer, Voltage Regulating (T21) - Single Phase Set;
9	307-1617	1	Solenoid, Electric - 12 VDC (K11)	40			60 Hz
10	332-1564	2	Lug, Terminal - Right Angie				50 HZ
11	815-0544	4	Screw, Machine - Round Head Cross-Recessed Drive with IT Lockwasher (#6-32 x 1/2")	315-0572			Screw, Self-locking - Hex Washer Head (1/4-20 x 1/2") - Single Phase Sets
12	300-2604	1	Board, Circuit - Printer (Engine Monitor) (All)	4 1	821-0003		Standoff, Insulating - Hex (T821.22) - Single Phase Sets
13	821-0004	1	Screw, Self-locking - Hex Washer Head (#10-32 x 5/16")	4 2	332-2370	2	Screw, Machine - Round Head Brass with IT Lockwasher (#10-32 x 4/8") - Single Phase Sets)
15	305-0688	1	Regulator, Voltage - Switching (VR12)	4 3	815-0346	1	Rectifier, Bridge (CR21) - Single Phase Sets
	812-0071	4	Screw, Machine - Round Head (#6-32 x 1-1/2")				Resistor, Fixed (R1) 5 Ohm 10 Watt (Part of Engine to Control Wiring Harness) - Manual Start sets
	853-0003	4	Washer, Lock - ET (#6)	4 4	305-0696	1	Screw, Machine - Round Head (#8-32 x 2-1/4") - Manual Start Sets
16	332-2605	1	Jumper, Terminal				Washer, Flat - Fiber (#8) - Manual start Sets
11	812-0070	4	Screw, Machine - Round Head (#6-32 x 1-1/4")	4 5	304-0776	1	Plate, Insulating - Manual Start sets
18	870-0183	4	Nut, Hex - with ET Lo&washer (#6-32)				Nut, Hex - Brass - Manual Start Sets (1/4-20)
19	315-0386	1	Transformer, Voltage Ref (T21)	46	812-0090	1	Washer, Lock - EIT (1/4) - Manual start sets
20	315-0391	1	Reactor (CMR21)				Washer, Flat - Brass (1/4") - Manual start sets
21	812-0063	2	Screw, Machine - Round Head (#6-32 x 1/2")	47	508-0015	2	Screw, Self-Locking - Hex Washer Head (1/4-20 x 1-1/8") - Manual start Sets
22	870-0183	2	Nut, Hex - with ET Lockwasher (#6-32)	48	304-0580	1	Switch, Selector (S11) - Manual start sets
23	332-1655	1	Block, Terminal (TB21)				Key
24	301-3719	1	Panel, Mounting - Regulator	49	871-0016	3	Washer, Lock (1/4)
25	815-0544	1	Screw, Machine - Round Head Cross-Recessed Drive with IT Lockwasher (#6-32 x 1/2")	50	856-0006	2	Washer, Flat (1/4)
			Ciip, Holdown	51	526-0052	4	Switch, Start/Run/Stop - Remote Units
26	518-0437	1	Tray, Control - Relay Mounting				Switch, Preheat - Remote Units
21	301-8454	1	Gauge, Pressure - Oil (M12)	52	821-0012	1	Panel, Remote - Remote Units
28	193-0352	1	Gauge, Temperature - Coolant (M13)				Decal, Panel (Front) - Remote Units
29	193-0351	1	Voltmeter - 12 VDC (M14)	5 3	308-0779	1	Decal, Panel (Rear) - Remote Units
			Clamp, Mounting				Rectifier (Spec D)
30	302-1641	1	Washer, Flat (#10)	308-0843			
	302-0270	1	Nut, Hex (#10-32)	5 4	850-0040	3	
	526-0049	36	Meter, Totelizing - Time (M11)	55	526-0018	3	
31	871-0010	6	Screw, Machine - Round Head Cross-Recessed Drive with IT Lo&washer (#6-32 x 1/2")	5 6	308-0827	1	
	302-0885	1	Nut, Hex - with ET Lockwasher (#6-32)	57	308-0826	1	
	815-0544	2		58	301-9484	1	
				59	98-5496	1	
870-0183	2			60	98-5491	1	
32	320-1139	1	Breaker, Circuit - 1/2 Amp, 50 VDC (CB12)				
33	320-1140	2	Breaker, Circuit - 15 Amp, 32 VDC, 125 VAC (CB11, 13)	61	357-0088	1	
34	308-0778	1	Switch, Rocker - Preheat (\$12)				

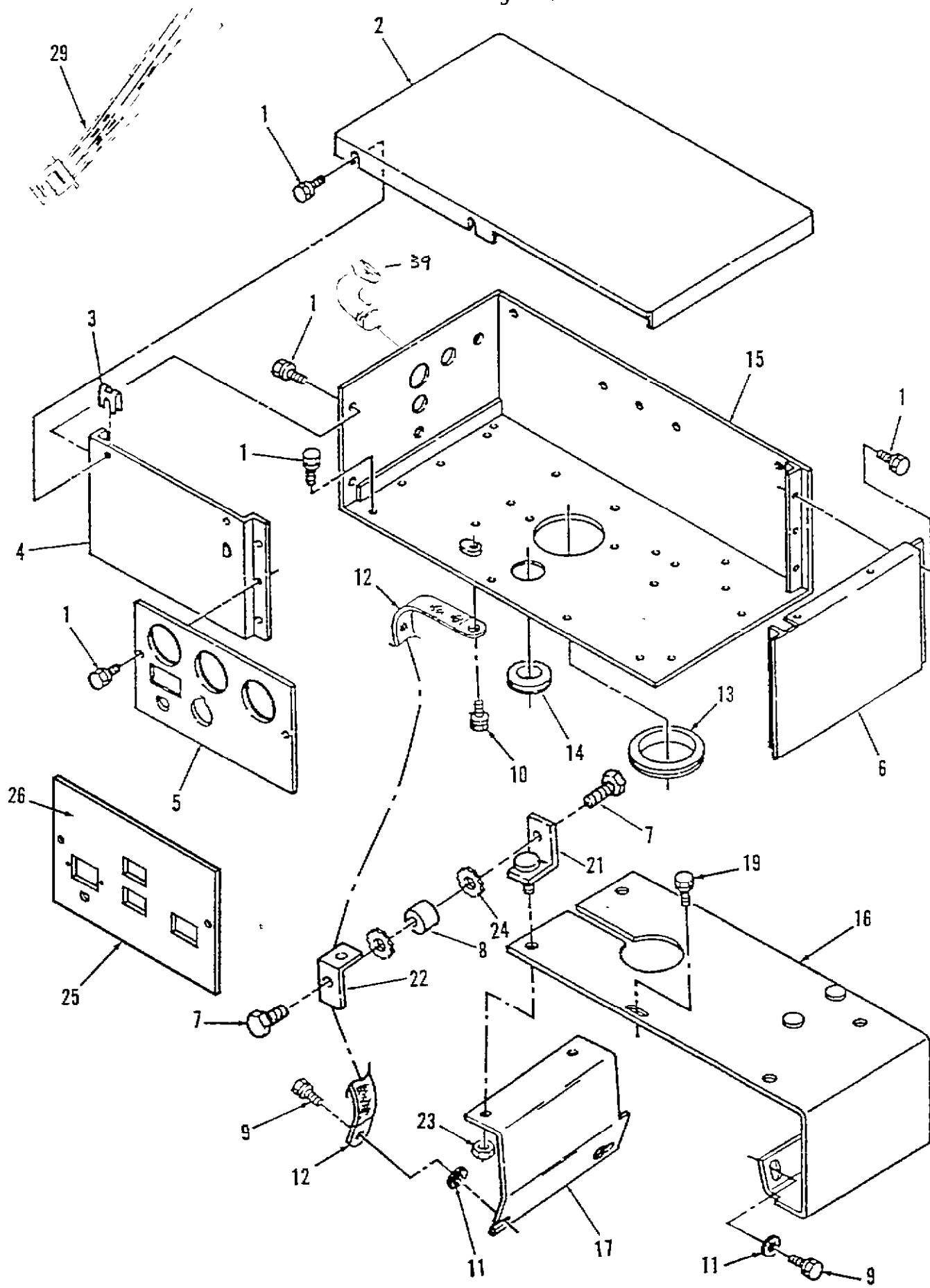
(RV Control Box Assembly "A")



Control Box Assembly
(RV and Mobile - Spec "A")

REF No.	PART No.	QTY USED	PART DESCRIPTION	REF ND.	PART ND.	QTY USED	PART DESCRIPTION
1	821-0018	16	Screw, Self-locking - Hex Washer Head (1/4-20 x 5/8")	6	301-8450	1	Panel, End
2	301-8447	1	Cover, Control	7	821-0014	4	Screw, Self-locking - Hex Washer Head (5/16-18 x 1/2")
3	870-0398	6	Nut, Retaining (#10-32)	B	402-0527	4	Mount, Vibration
4	301-8445	1	Panel, Generator Control (AC) Without Hole for Circuit Breaker	9	815-0236	4	Screw, Tapping - Hex Washer Head (5/16-18 x 5/8") or use
	301-8569	1	With Hole for Circuit Breaker	10	B00-0025	1	Screw, Self-locking - Hex Washer Head (5/16-18 x 5/8")
5	301-8448	1	Panel, Engine Control (DC) Manual start Sets	11	856-0008	4	Washer, Lock - EIT (5/16")
			With Holes for Time Totalizing Meter, Selector Switch and Round Circuit Breaker	12	337-0049	1	Strap, Electrical - Ground
	301-8449	2	With Holes for Three Gauges, Time Totalizing Meter, Selector Switch and Round Circuit Breaker	13	508-0115	2	Grommet (2-1/8" ID x 2-7/8" OD)
	301-8451	1	Remote Control Sets	14	508-0117	1	Grommet (1-1/8" ID x 1-3/8" OD)
	301-8452	1	With Holes for Two Switches, Rectangular Circuit Breaker, Tim Totalizing Meter and Round Circuit Breaker	15	301-8453	1	Box, Control
			With Holes for Three Gauges, Two Switches, Rectangular Circuit Breaker, Time Totalizing Meter and Round Circuit Breaker	16	301-8446	1	Saddle, Control Mounting
				17	301-8634	1	Support, Saddle
				19	821-0009	1	Screw, Self-Locking - Hex Washer Head (1/4-20 x 3/8")

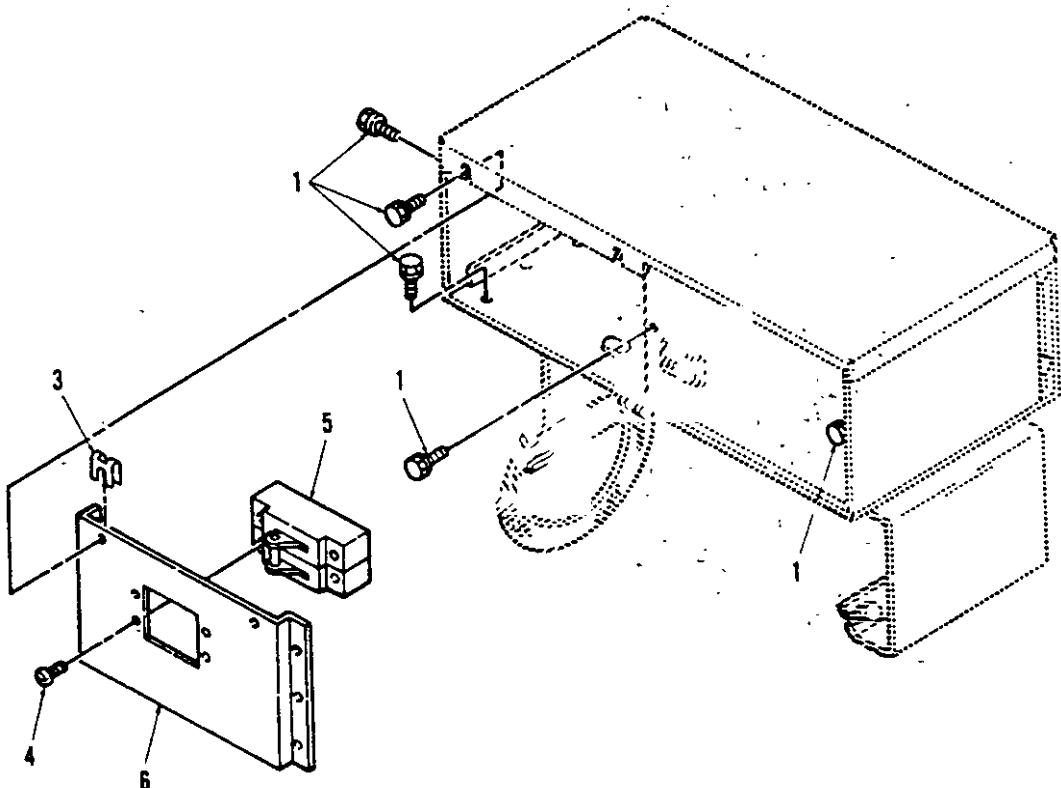
**(RV Control Box Assembly
and Aux - begin spec B)**



Control Box Assembly
(RV and Aux - Begin Spec B)

REF No.	PART NO.	QTY USED	PART DESCRIPTION	REF No.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0018	16	Screw. Self-locking - Hex Washer Head (1/4-20 x 5/8")	7	821-0014	8	Screw. Self-locking - Hex Washer Head (5/16-18 x 1/2")
2	301-8447	1	Cover, Control	8			Mount, Vibration
3	870-0398	6	Nut, Retaining (#10-32)	402-0078		4	Spec B-C
4			Panel, Generator Control (AC)	402-0527		4	Spec D
	301-8445	1	Without Hole for Circuit Breaker	9	815-0236	4	Screw. Tapping - Hex Washer Head (5/16-18 x 5/8") or use
	301-8569	1	With Hole for Circuit Breaker	10	821-0025	1	Screw. Self-locking - Hex Washer Head (5/16-18 x 5/8")
5			Panel, Engine Control (DC) Manual start sets	11	856-0008	4	Washer, Lock - EIT (5/16")
	301-8448	1	With Holes for Time Totalizing Meter. Selector Switch and Round Circuit Breaker	12	337-2312	1	Strap, Electrical - Ground
	301-8449	2	With Holes for Three Gauges, Time Totalizing Meter, Selector Switch and Round Circuit Breaker	13	SOB-0115	2	Grommet (2-1/8" ID x 2-7/8" OD)
			Remote Control sets	14	508-0117	1	Grommet (1-1/8" ID x 1-3/8" OD)
	301-8451	1	With Holes for Two Switches, Rectangular Circuit Breaker, Time Totalizing Meter and Round Circuit Breaker	21	301-8955	4	Box, Control
				22	301-9544	4	Saddle, Control Mounting
				23	870-0257	8	Support, Saddle
	301-8452	1	With Holes for Three Gauges, Two Switches, Rectangular Circuit Breaker, Time Totalizing Meter and Round Circuit Breaker	24	656-0006	8	Screw, Self-Locking - Hex Washer Head (1/4-20 x 3/8")
				25	319-1681	1	Bracket, Control Box
				26	98-6607	1	Bracket, Isolator Mounting
				27	98-0994	1	Nut, Self-Locking (Flange) (5/16-18)..
				28	98-5165	1	Washer, Lock - EIT (5/16")
				29	338-2102	2	Panel, Control - DC (Spec D)
	301-8450	1	Panel, End Spec 8-C	30			Decal, Panel - DC (Spec D)
	319-0201	1	Spec 0				Decal, Ground (Not Illustrated)
							Decal, Cover - Control Box (Not Illustrated) (Spec D)
							Harness, Wiring (6")
							Elbow, 90° Conduit
							3/4"
							1/2"

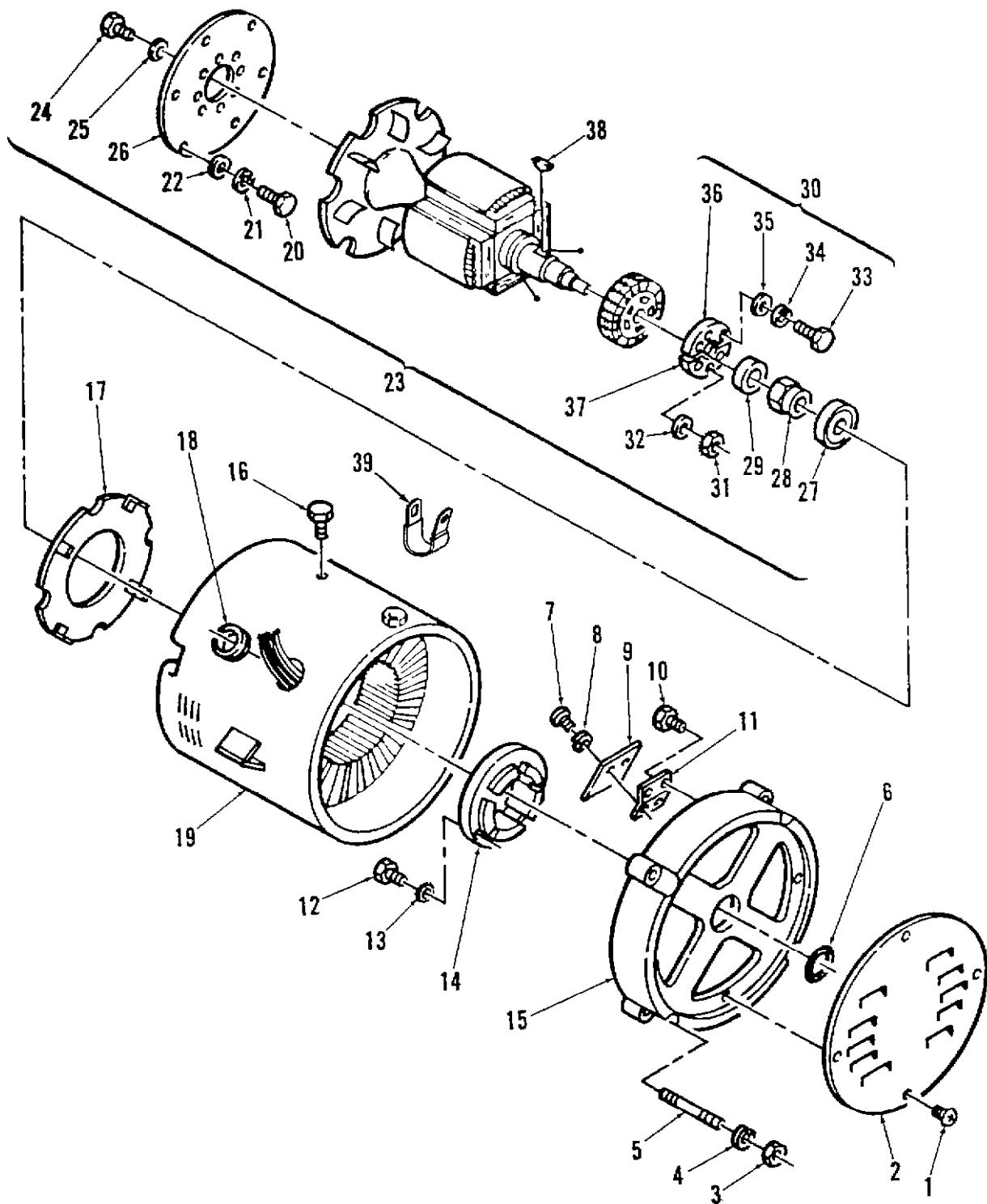
Circuit Breaker



ES-1900

REF ND.	PART ND.	QTY USED	PART DESCRIPTION	REF ND.	PART ND.	QTY USED	PART DESCRIPTION
1	821-0005	11	Screw, Self-Locking - Hex Washer Head (#10-32 x 1/2")	6	301-9446	1	Panel, Breaker - Circuit
3	870-0398	6	Nut, Retaining (#10-32)		301-9218	1	2 Pole Breaker Hole
4	812-0063	AR	Screw, Machine - Round Head (#6-32 x 1/2")	7	517-0015	AR	3 Pole Breaker Hole
5			Breaker, Circuit 2 Pole				Plug, Hole
	320-1412	1	30 Amp				
	320-1246	1	3s Amp				
			3 Pole				
	320-1390	1	24 Amp				
	320-1391	1	21 Amp				
	320-1327	1	35 Amp				

Generator Assembly



Generator Assembly

REF NO.	PART ND.	QTY USED	PART DESCRIPTION	REF NO.	PART ND.	QTY USED	PART DESCRIPTION
1	813-0100	4	Screw, Machine - Round Head (X10-32 x 1/2")	20	718-1036	6	Screw, Cap - Hex Head (M8 x 1.25 x 20mm)
2	234-0767	1	Cover, End Bell	21	850-2008	6	Washer, Lock - Spring (M8)
3	862-0011	4	Nut, Hex (3/8-16)	22	526-0115	6	Washer, Flat (11/32" ID x 11/16" OD x 1/16" THK)
4	850-0050	4	Washer, Lock - Spring (3/8") Stud	(23)			Rotor Assembly, Gen (Includes Parts Marked *) (Spec A, B)
5	520-0935	4	(3/8-16 UNC x 13" LG)	201-3131		1	6.0 thru 8.0 kW, Code 18 (Extended Stack)
	520-0936	4	(3/8-16 UNC x 13-3/4" LG)	201-3130		1	6.0 thru 8.0 kW, Codes 3C, 53C, 16.516
	520-0937	4	(3/8-16 UNC x 14-5/16" LG)	24	800-0519	6	*Bolt, Hex - Slotted - Grade 6 (3/8-16 x 3/4")
6	509-0094	1	O-Ring	25	526-0390	6	*Washer, Flat (3/8")
7	813-0098	2	Screw: Machine - Round Head (#10-32 x 3/8")	26	232-2826	1	*Disk, Drive
8	856-0003	2	Washer, Lock - ET (110)	27	510-0112	1	*Bearing Ball
9	232-2416	1	Terminal Board	28	870-0284	1	*Nut, Self-locking - Hex (1-1/8-12)
10	815-0194	2	Screw, Tapping - Hex Head W/ET Lockwasher (#10-32 x 3/8")	29	232-3017	1	*spacer, Sleeve
11	232-3038	1	Bracket, Mounting - Terminal Board	30			Rotor Assembly, Exciter (Includes Parts Marked *)
12	800-0009	2	Screw, Cap - Hex Head (1/4-20 x 1-1/2")	201-2151		1	* Standard
13	853-0013	2	Washer, Lock - ET (1/4")	201-2299		1	Environmental Protected
14			Stator, Exciter Standard	31	870-0131	6	+*Nut, Self-locking - Hex with ET Lockwasher (#10-32)
	220-2009	1	Environmental Protected.	32	526-0008	6	+*Washer, Flat (#10)
	220-2308	1	End Bell	33	813-0100	4	+*Screw, Machine - Round Head (#10-32 x 1/2")
15	211-0370	1	Screw, Self-locking - Hex Washer Head (1/4-20 x 3/4")	34	853-0008	4	+*Washer, Lock - ET (#10)
16	821-0015	4	Baffle, Air	35	526-0008	4	**Washer, Flat (#10)
17	234-0766	1	Grommet (1-1/2" ID x 2-1/8" OD)	36	358-0069	1	**Rectifier Assembly, Positive
18	508-0183	1	Stator, Generator (Spec A, B)	37	358-0070	1	**Rectifier Assembly, Negative
19			6-6.5 kW, Code 53C (Standard)	38	515-0094	1	*Key, Woodruff (t6)
	220-3912	1	6-6.5 kW, Code 53C (Environmental Protected)	39	332-2650	1	Clap. Loop (Insulated) (Spec D)
	220-4023	1	6-6.5 kW, Code 516				
	220-3929	1	7.5-6 kW, Code 3C (Standard)				
	220-3904	1	1.5-8 kW, Code 3C				
	220-4015	1	(Environmental Protected)				
	220-3921	1	7.5-E kW, Code 18				
	220-3922	1	7.5-6 kW, Code 18 (Extended Stack)				

* = Parts Included in Rotor Assembly.

+ = Parts Included in Exciter Rotor Assembly,

(15) Endbell

use 211-0439 for Specs 11456 and 57380
use 211-0370 for all others

(17) Air Baffle

use 234-0967 for specs 11343, 11344, 11440, 11455
use 234-0766 for all others

(19) Generator Stator

use above info for Spec A, B

use the following beginning Spec C:

220-4487 Spec 11343, 11344, 11440, 11455

220-3921 Spec 23006, 23007

220-3912 Spec 29174 (Volt Code FP)

220-3929 Spec 29174 (Volt code F2) + Spec 34226

220-3904 Use on all other Specs not listed above

(23) Generator Rotor Assy (includes parts marked *)

use above info for Spec A, B

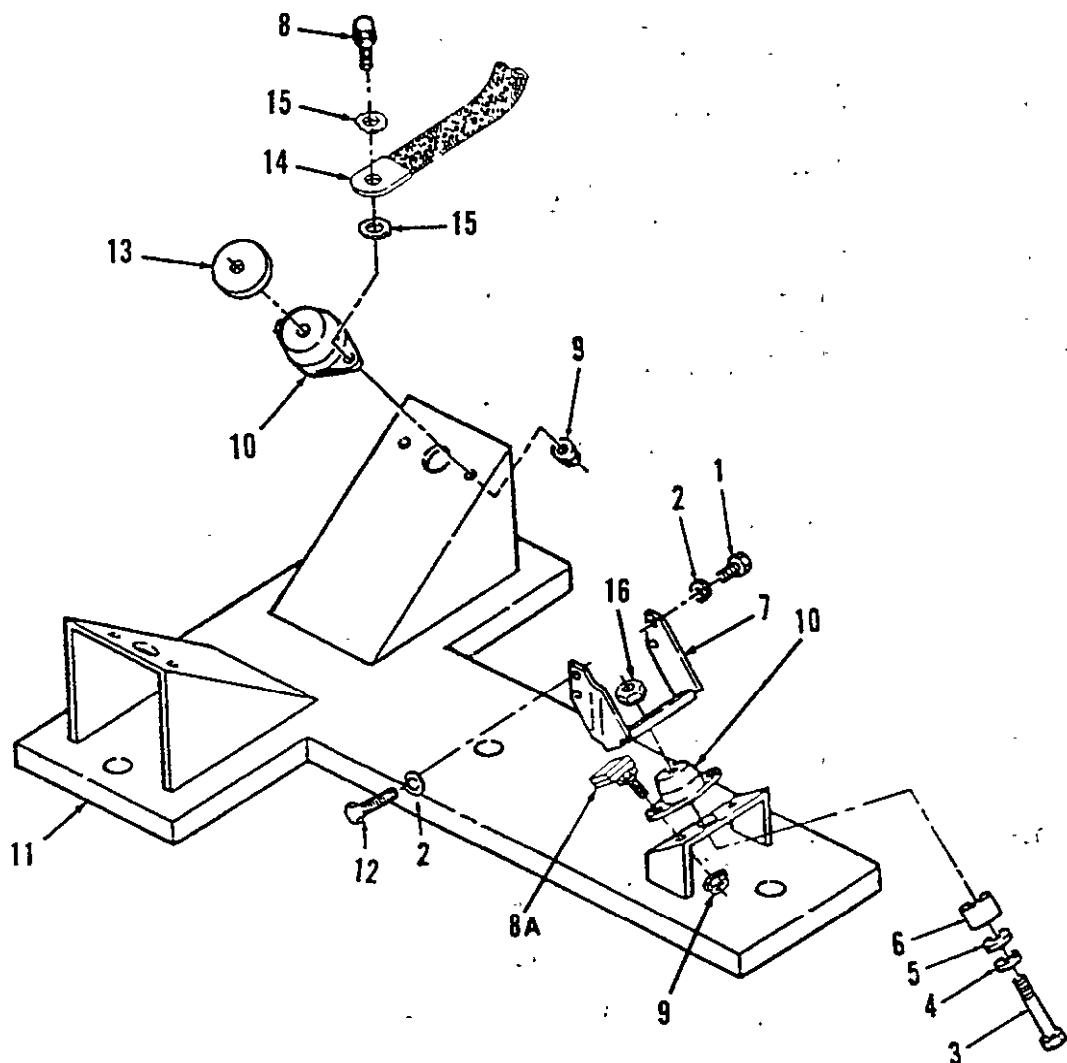
Beginning Spec C use:

201-3469-02 Spec 57380 and 11456

201-3130 use on all other

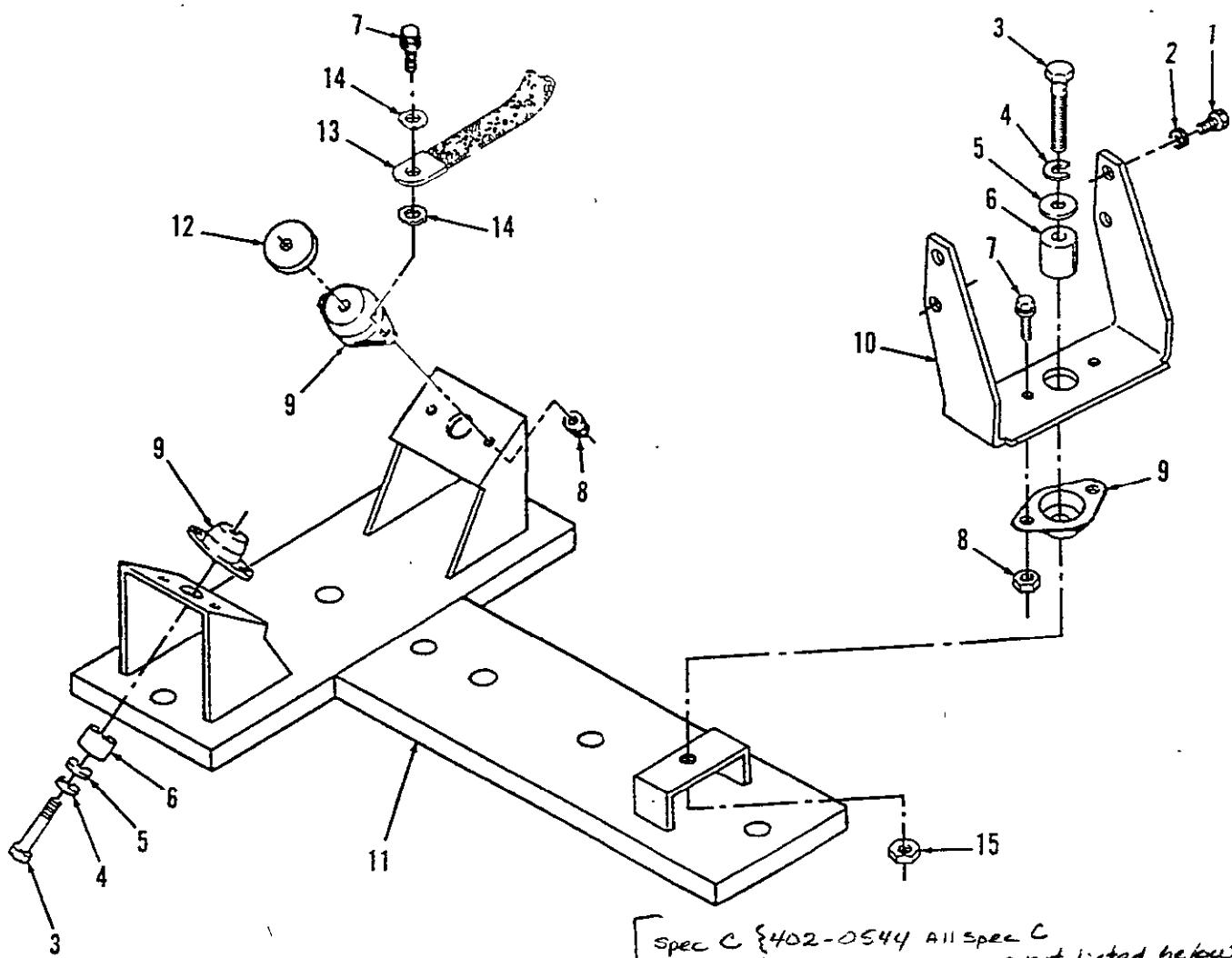
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**Frame
(Spec A and B)**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0585	2	Screw, cap - Hex Head (M10 x 1.25 x 20mm)	9	870-0257	6	Nut. Self-locking - Hex Washer Head (5/16-18)
2	850-2010	4	Washer. Lock - Spring (M10)	10	402-0544	3	Mount. Vibration
3	800-0573	3	Screw, Cap " Hex Head (3/8-16 x 2-1/4")	11	403-2257	1	Frame (" T " Shape)
4	850-0050	3	Washer. Lock - Spring (3/8")	12	815-0600	2	Screw, Cap - Hex Head (M10 x 1.25 x 25mm)
5	526-0077	3	Washer. Flat (3/8")	13	526-0172	2	Washer, Flat (1/2" ID X 2-1/4" OD x 1/4" THK)
6	403-2213	3	spacer, Sleeve				
1	403-2194	1	Support. Engine (Used Through February 1964)	14	337-0049	1	Strap. Bonding
8	821-0016	4	Screw. Self-locking - Hex Washer Head (5/16-18 x 3/4")	15	856-0008	2	Washer. Lock " EIT (5/16")
8A	403-2267	2	Plate Assy, Mounting - Shock (Used From Feb. 1984 to Feb. 1988)	16	870-0138	3	Nut, Self-Locking

Frame
(Begin Spec C)



Spec C { 402-0544 All Spec C
 Spec D { 402-0660 All Specs not listed below —
 { 402-0692 Spec 11343, 11344, 11440, 11455
 Spec E { 402-0660 Spec 11303, 11519, 27748, 27799
 { 402-0692 Spec 11344
 { 402-0544 Spec 11456, 23006, 29174

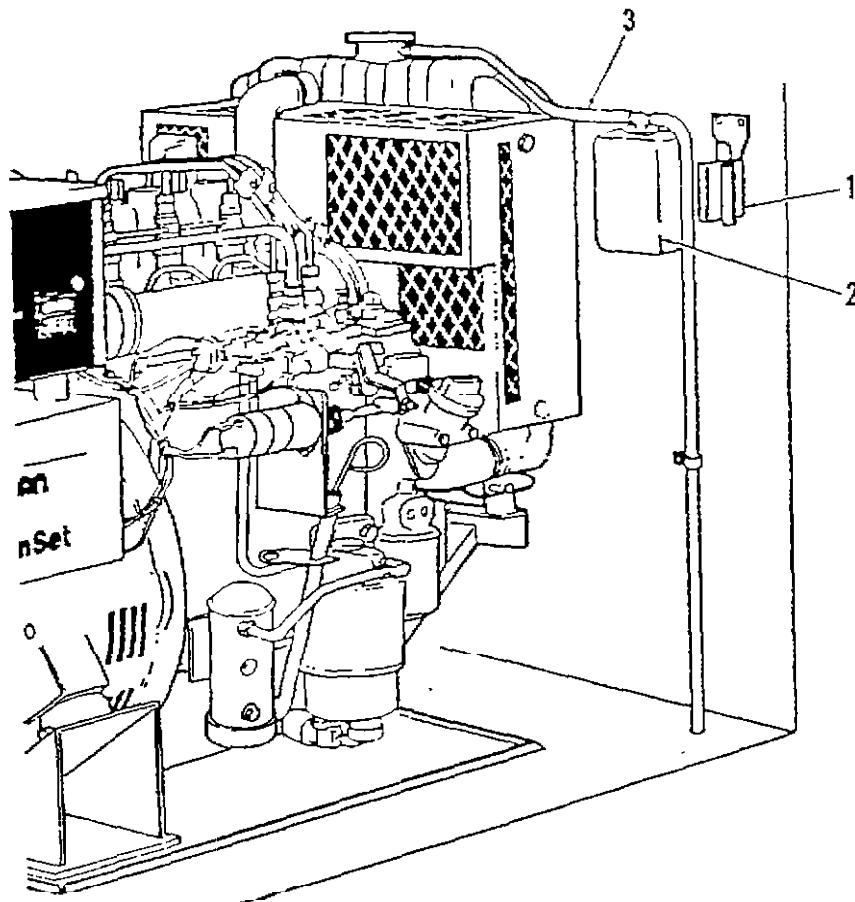
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0585	2	Screw, Cap - Hex Head (M10 x 1.25 x 20mm)
2	850-2010	2	Washer, Lock - Spring (M10)
3	800-0573	3	S(3/8-16ax 2-1/4" Head
4	850-0050	3	Washer, Lock - Spring (3/8")
5	526-0077	3	Washer, Flat (3/8")
6	403-2213	3	Spacer, Sleeve
7	821-0016	6	Screw, Self-locking - Hex Washer Head (5/16-18 x 3/4")

REF NO.	PART NO.	Q USED	T Y PART DESCRIPTION
8	870-0257	6	Nut, Self-locking Hex Washer Head (5/16-18)
9	402-0544	3	Mount, Vibration Support, Engine
10	403-2713-01	1	Frame ("T" Shape)
11	526-0172	1	Washer, Flat (1/2" ID x 2-1/4" OD x 1/4" THK)
12		2	
13	337-0049	1	Strap, Bonding
14	856-0008	2	Washer, Lock - E11 (5/16")
15	870-0138	1	Nut, Self Lock (3/8-16)

337-0049 All Specs not listed below
 337-2161 Spec 11343, 11344, 11440, 11455
 337-0081 Spec 34226

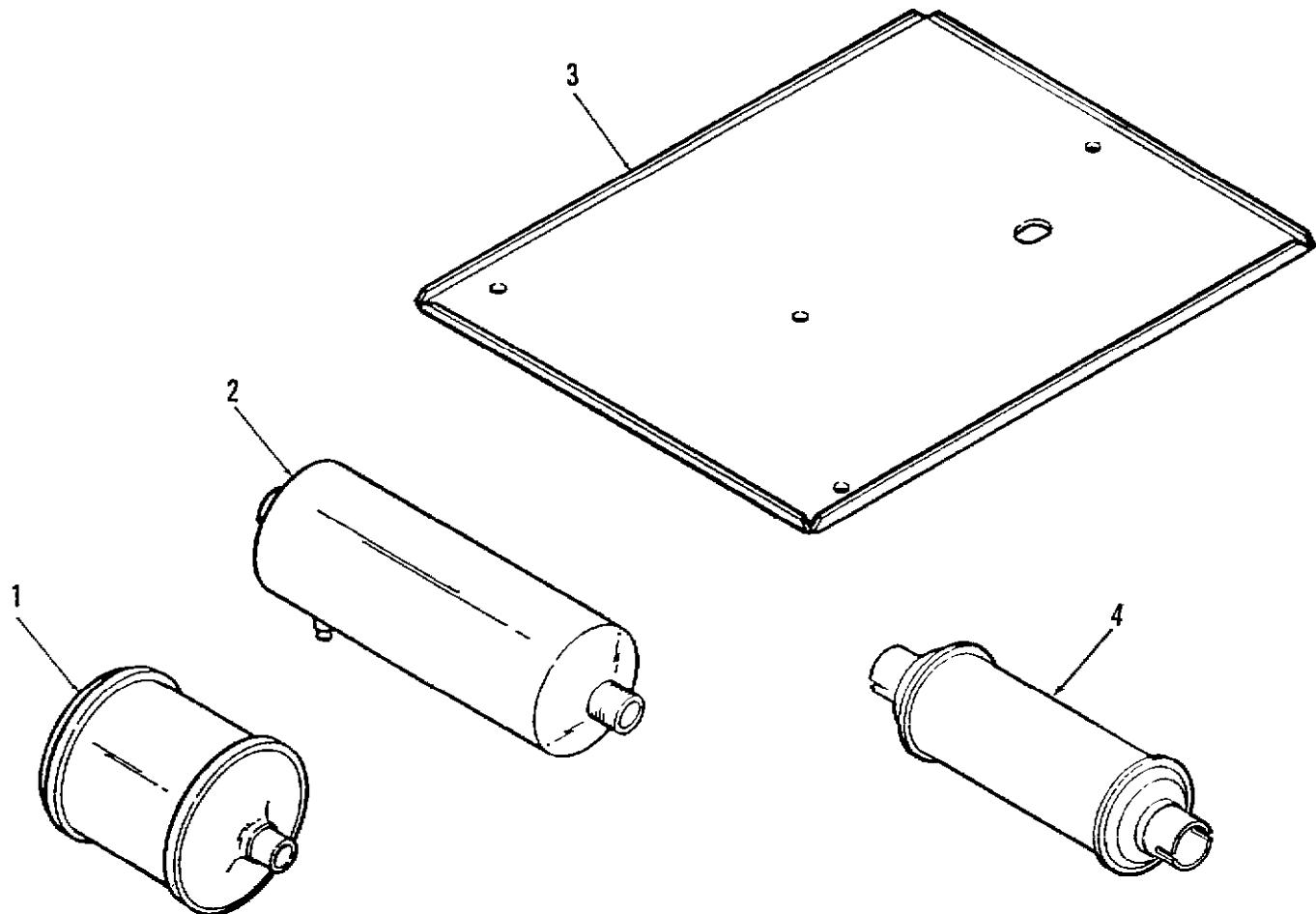
403-2713 All Specs not listed below
 403-3837 Spec 11343, 11344, 11440, 11455

Coolant Tank



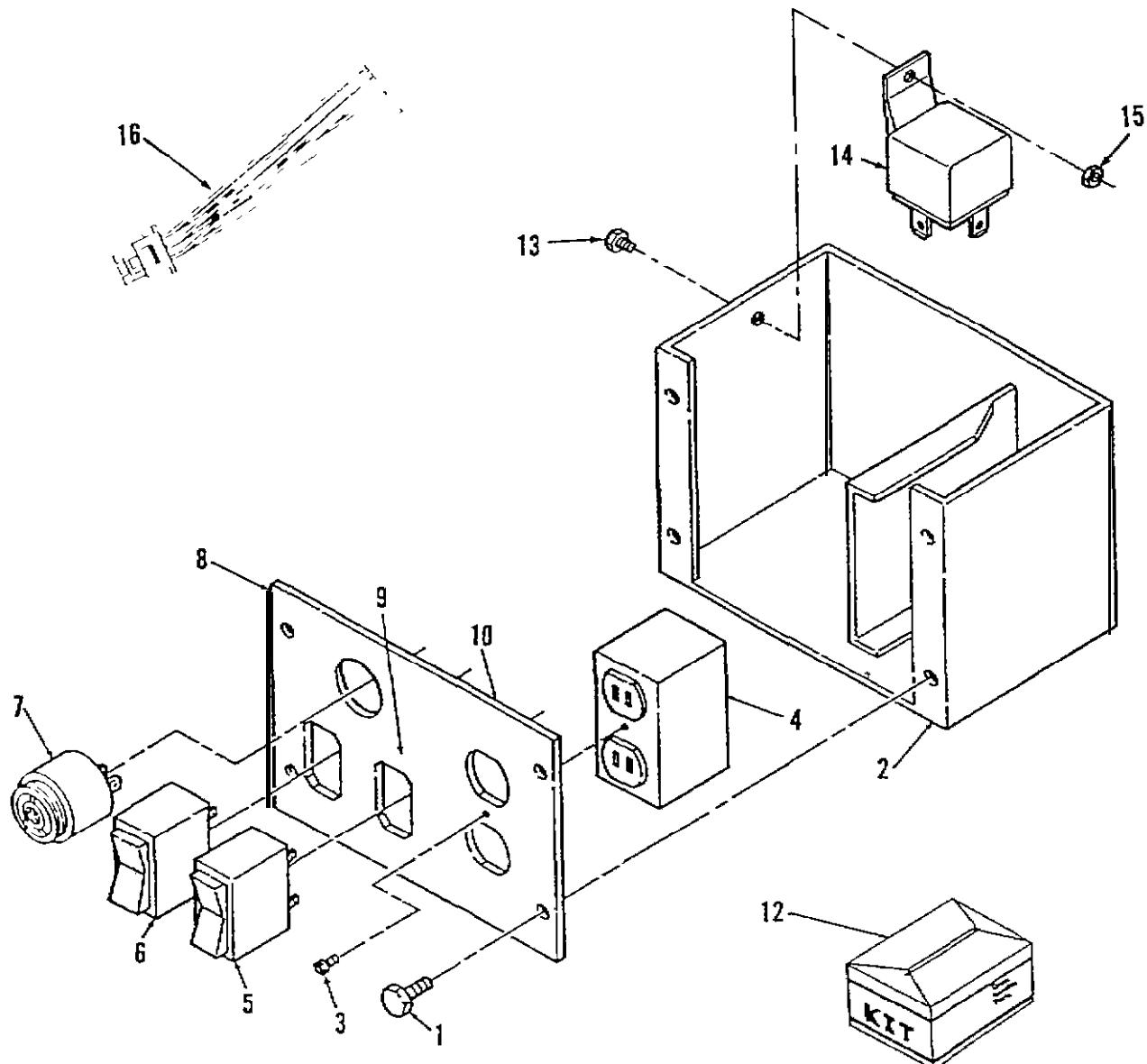
REF No.	PART No.	QTY USED	PART DESCRIPTION	REF No.	PART No.	QTY USED	PART DESCRIPTION
1	130-2780	1	Bracket			3	
2	130-2779	1	Tank, Recovery			1	Hose, Overflow (Comes with Recovery Tank)

**Exhaust Muffler
and
Drip Pan**



REF RD.	PART ND.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2083	1	Muffler. Exhaust	3	403-2334	1	Pan, Drip
2			Muffler, Exhaust - Spark Arrestor	4	155-2653	1	Resonator, Exhaust (RV Diesel) (Spec D)
	155-2068	1	1-1/4 Outlet				
	155-2314	1	1-3/4 Outlet				

Remote Panel



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF No.	PART No.	QTY USED	PART DESCRIPTION
1	815-0350	4	Screw, Hex Head Washer (X10-32 x .38)	10	98-5506	1	Label, Panel - Remote {Front}
2	301-9500	1	BOX, Control	11	525-0273	1	Label, Panel - Remote (Rear)
3	822-2030	1	Screw, Pan Head - External Tooth (#6-32 x .38)	12	300-3048	1	Paint, Black
4	323-1104	1	Receptacle	13	821-0009	1	Kit, Control - Remote
5	308-0830	1	Switch, Rocker [Preheat]	14	307-1886	1	Screw, Self-locking - Hex Head (#10-32 x 5/16)
6	308-0827	1	Switch, Rocker (Start/Stop)	15	870-0131	1	Relay
7	333-0133	1	signal, Audible	16	338-2102	1	Nut, Hex - With External Tooth (X10-32)
8	301-9493	1	Panel, Control				Harness, Remote (6")

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